

**2001**

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**Wisconsin  
Births and Infant Deaths**

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*Bureau of Health Information  
Division of Health Care Financing  
Wisconsin Department of Health and Family Services*

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## **2001**

**November 2002**

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## Introduction

This report presents information about births that occurred in 2001 to Wisconsin residents. Information from previous years is also presented to show changes over time. Information is included on the number and rate of live births; demographic characteristics of the mother, such as age, race, marital status, education and number of previous births; characteristics of pregnancy and delivery, including the trimester that prenatal care began, number of visits, and whether the mother smoked during pregnancy; and characteristics of the newborn. Also included is information about infants who died before their first birthday, and fetuses of more than 20 weeks gestation who were stillborn.

All data in this report refer to Wisconsin residents unless otherwise noted. In most tables, events have been assigned to the place where the person lives (usually legal residence), regardless of the place of the event. For births, the reference is to the residence of the mother. For deaths, the reference is to the residence of the infant.

The indicators included in this report have been selected based on their availability from birth and infant death records and their use in identifying health risks, as determined by national and international studies. The data files used are the Wisconsin resident birth certificate file, the matched birth-death file, and the fetal death file. The tables and graphics presented were designed to make these indicators easily accessible, while allowing users flexibility. Most tables include the frequencies of events or conditions, along with percentages or rates. In general, bar graphs show cross-sectional data for 2001 (and comparative information for 1991 or 1992); line graphs show time trends, and vary in the years shown for comparison.

Chapter 69 of the Wisconsin Statutes mandates the Department of Health and Family Services to supervise and direct the collection of birth data from hospitals and birth attendants. State law also requires the Department to protect the confidentiality of birth data, and to ensure that statistical information based on the data (such as that contained in this report) does not identify any individual. The Bureau of Health Information in the Department of Health and Family Services scrupulously follows written procedures to protect the confidential data entrusted to it.

The National Center for Health Statistics works with representatives of all 50 states to select the specific data items collected on the birth record. Data items are chosen for their usefulness in understanding and improving maternal and child health outcomes. A sample of the Wisconsin birth record is included in the Technical Notes (pages 100 and 101). Samples are also provided of the Wisconsin death certificate (page 102) and the Wisconsin report of fetal death (page 103).

Birth, death, hospitalization and other health-related statistical information for Wisconsin is also available through the Internet on the Department of Health and Family Services Web site, at <http://www.dhfs.state.wi.us/stats>. Trend tables of maternal and child health data for individual counties are available at <http://www.dhfs.state.wi.us/localdata/infantspgwomn/start.htm>.

The Department of Health and Family Services produced this publication. Staff of the Division of Health Care Financing, Bureau of Health Information, Vital Records Section, Registration and Statistics Unit, collected and compiled the birth, infant death and fetal death records. Jan Silbaugh prepared the report and updated the narrative. Patricia Nametz edited the report. Wendy Hart provided technical assistance in creating the data sets. Draft review and comments were provided by Millie Jones, Director, Bureau of Family and Community Health, Division of Public Health; and by Randy Glysch in the Bureau of Health Information, Research and Methods Section. The report was prepared under the supervision of Lynnette Traas, Supervisor, Registration and Statistics Unit, and the overall direction of Sandra Breitborde, Director, and Vonnice Buske, Deputy Director, Bureau of Health Information.

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The Bureau of Health Information acknowledges and thanks the Wisconsin hospitals and birth attendants who reported birth information, and their counterparts in neighboring states who submitted out-of-state birth data for Wisconsin residents.

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## Key Findings

- In 2001, there were 69,012 live births to Wisconsin residents, 277 fewer than in 2000.
- The 2001 crude birth rate in Wisconsin was 12.7 births per 1,000 total population, slightly lower than the 2000 rate (12.9). The preliminary United States crude birth rate for 2001 was 14.5 per 1,000 total population. (The crude birth rate is the number of live births per 1,000 total population.)
- The 2001 general fertility rate of 59.0 births per 1,000 Wisconsin females aged 15-44 was lower than the United States 2001 preliminary general fertility rate of 67.2 (see Technical Notes, page 104, for source of U.S. data).
- In 2001, the fertility rate for Wisconsin teens aged 15-19 was 34.2 births per 1,000 females in this age group. This was slightly lower than the rate in 2000 (35.7). In 2001, the U.S. teen fertility rate was 45.9.
- Wisconsin age-specific fertility rates were also lower than national rates for women aged 20-29 and 35 and older, while the fertility rate among Wisconsin women aged 30-34 was slightly higher than the national rate (see page 8 of this report).
- From 1991 to 2001, the percent of births to women in their twenties decreased, while the percent of births to women in their thirties increased. The proportion of births to teens remained about the same.
- From 1991 to 2001, the proportion of Wisconsin births that were to non-Hispanic white women decreased from 84 percent to 78 percent, while the proportion of births to Hispanics increased from 3 percent to 7 percent. The proportion of births to women in other race/ethnicity groups remained roughly stable, with black women accounting for 9 to 10 percent, American Indian women 1 percent, and women in other groups 1 or 2 percent of births each year.
- In 2001, 30 percent of Wisconsin births were to unmarried women, compared to 25 percent in 1991. The Wisconsin nonmarital birth percentage in 2001 (30 percent) was the same as the national (30 percent).
- In 2001, 16 percent of Wisconsin women who gave birth had not finished high school (compared to 17 percent in 1991). Fifty-three percent of women who gave birth in 2001 had attended college for one year or more, compared to 42 percent in 1991.
- The overall proportion of women who received first-trimester prenatal care was 84 percent in 2001, compared with 81 percent in 1991. The proportion with first-trimester care increased among each age group and each race/ethnicity group.
- The proportion of women giving birth who reported they smoked during pregnancy decreased from 22 percent in 1992 to 16 percent in 2001.

- In 2001, 4,557 Wisconsin infants were low birthweight; that is, they weighed less than 2,500 grams (about 5.5 pounds) at birth. This total represented 6.6 percent of all births (6.5 percent in 2000). In comparison, 7.6 percent of all infants born in the United States in 2001 weighed less than 2,500 grams.
- Among these low birthweight infants, 885 were born at *very* low birthweight (less than 1,500 grams or about 3.3 pounds) and were thus at the highest risk for health problems. The very low birthweight percentage was 1.3 percent among all births, and 1.0 percent of births to whites, 3.7 percent of births to blacks, 1.5 percent of births to American Indians, 1.2 percent of births to Hispanics and 0.7 percent of births to Laotian/Hmong.
- In 2001, 7,433 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks). This total represented 10.8 percent of all births (compared to 10.4 percent in 2000). (See Technical Notes, page 105, for full definition of prematurity.)
- In Wisconsin, 491 infants under the age of one year died in 2001. The 2001 infant mortality rate was 7.1 infant deaths per 1,000 live births, compared to 6.6 per 1,000 in 2000. The 2000 U.S. infant mortality rate (the latest available) was 6.9 infant deaths per 1,000 live births.
- The black infant mortality rate for 2001 (18.7 deaths per 1,000 births to black mothers) was higher than the comparable rate in 2000 (16.9), and the 1991 rate which was a low (14.0). The 2001 white infant mortality rate (5.7 deaths per 1,000 births to white mothers) was similar to the 2000 rate (5.6), but lower than the 1991 rate (7.7).

**Ten Most Popular First Names for Newborns,  
Wisconsin, 2001**

**Females**

1. Emily
2. Hannah
3. Emma
4. Olivia
5. Grace
6. Megan
7. Elizabeth
8. Abigail
9. Alexis
10. Samantha

**Males**

1. Jacob
2. Samuel
3. Matthew
4. Tyler
5. Nicholas
6. Ethan
7. Joshua
8. Benjamin
9. Zachary
10. Austin

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: This ranking counts each spelling as a separate name. The list would change somewhat if different spellings were grouped together and counted as one name. For example, counting Kaitlyn, Katelyn, Caitlin, Caitlyn and Kaitlin as one name would place it into the top ten list for 2001.

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## Contents

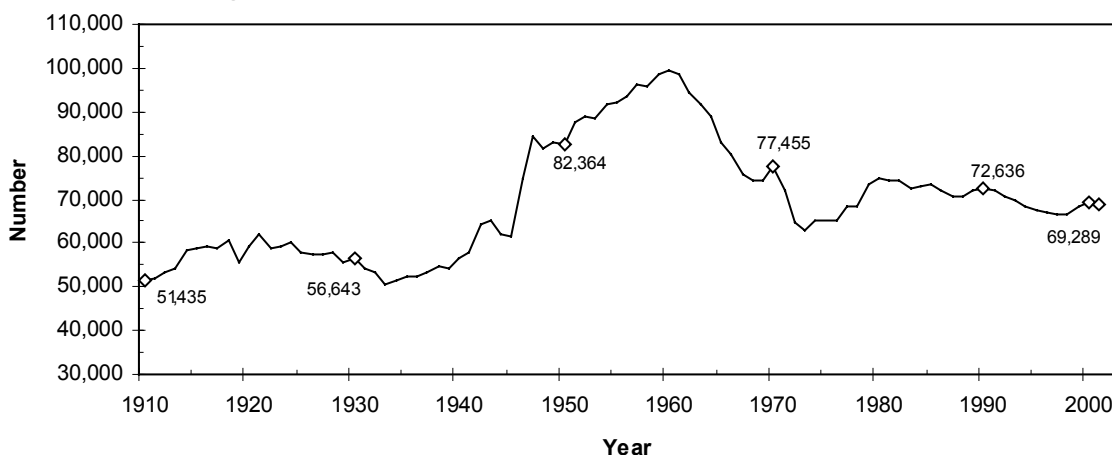
|   |    |
|---|----|
| <b>Introduction</b>   | 1  |
| <b>Key Findings</b>   | 3  |
| <b>Statewide Information</b>  | 7  |
| Birth and Fertility Rates   | 7  |
| Characteristics of the Mother   |    |
| Age   | 11 |
| Births to Teens   | 12 |
| Race/Ethnicity  | 14 |
| Marital Status  | 16 |
| Education   | 18 |
| Characteristics of the Pregnancy and Delivery                                   |    |
| Prenatal Care   | 20 |
| Cigarette Smoking   | 22 |
| Medical Risk Factors  | 24 |
| Methods of Delivery   | 25 |
| Obstetric Procedures  | 26 |
| Characteristics of the Newborn  |    |
| Low Birthweight   | 27 |
| Prematurity   | 28 |
| Congenital Anomalies  | 29 |
| Mortality   | 30 |
| <b>Local and Regional Information</b>   | 32 |
| Birth and Fertility Rates   | 32 |
| Table 1. Population, Births by Sex, Crude and General Fertility Rates by County | 32 |
| Table 2. Population, Births, and Crude Birth Rates by Selected Places           | 34 |
| Table 3. Number of Births by County and Minor Civil Divisions                   | 35 |
| Table 4. Births by County, City and Hospital of Occurrence                      | 39 |
| Table 5. Home Births by County  | 41 |
| Characteristics of the Mother   | 42 |
| Table 6a. Number of Births by Age of Mother and County                          | 42 |
| Table 6b. Percent of Births by Age of Mother and County                         | 44 |
| Table 7a. Number of Births by Age of Mother and Region                          | 46 |
| Table 7b. Percent of Births by Age of Mother and Region                         | 46 |
| Table 8a. Number of Births by Race/Ethnicity of Mother and County               | 47 |
| Table 8b. Percent of Births by Race/Ethnicity of Mother and County              | 49 |
| Table 9a. Number of Births by Race/Ethnicity of Mother and Region               | 51 |
| Table 9b. Percent of Births by Race/Ethnicity of Mother and Region              | 51 |
| Table 10a. Number of Births by Education of Mother and County                   | 52 |
| Table 10b. Percent of Births by Education of Mother and County                  | 54 |
| Table 11a. Number of Births by Education of Mother and Region                   | 56 |
| Table 11b. Percent of Births by Education of Mother and Region                  | 56 |
| Table 12a. Number of Births to Unmarried Mothers by Age and County              | 57 |
| Table 12b. Percent of Births to Unmarried Mothers by Age and County             | 59 |

|  |   |     |
|--|---|-----|
| Table 13a.   | Number of Births to Unmarried Mothers by Age and Region .....                       | 61  |
| Table 13b.   | Percent of Births to Unmarried Mothers by Age and Region .....                      | 61  |
| <b>Characteristics of Pregnancy</b> .....            |   | 62  |
| Table 14.  | Births by Trimester Prenatal Care Began and County .....                            | 62  |
| Table 15.  | Births by Trimester Prenatal Care Began and Region.....                             | 64  |
| Table 16.  | Births by Number of Prenatal Care Visits and County .....                           | 65  |
| Table 17.  | Births by Number of Prenatal Care Visits and Region.....                            | 67  |
| <b>Characteristics of the Newborn</b> .....          |   | 68  |
| Table 18.  | Births by Birthweight and County of Residence .....                                 | 68  |
| Table 19.  | Births by Birthweight and Region.....   | 70  |
| <b>Mortality</b> .....                               |   | 71  |
| Table 20.  | Fetal, Neonatal, Postneonatal, and Infant Deaths by County .....                    | 71  |
| Table 21a.   | Fetal, Neonatal, Postneonatal, and Infant Deaths by Region .....                    | 73  |
| Table 21b.   | Rates of Fetal, Neonatal, Postneonatal, and Infant Deaths by Region.....            | 73  |
| Table 22.  | Fetal, Neonatal, Postneonatal, and Infant Deaths by Selected Places.....            | 74  |
| <br><b>Trend Information, 1980 to 2001</b>           |   |     |
| Table 23.  | Births by County .....  | 75  |
| Table 24.  | Births by Age of Mother .....   | 81  |
| Table 25.  | Births to Teenagers and Unmarried Mothers .....                                     | 83  |
| Table 26.  | Births by Selected Birth Indicators .....   | 84  |
| Table 27.  | Infant, Neonatal, Fetal and Perinatal Deaths .....                                  | 85  |
| <br><b>Detailed Statewide Information</b>            |   |     |
| Table A1.  | Number of Births by Age of Mother and Selected Characteristics.....                 | 86  |
| Table A2.  | Percent of Births by Age of Mother and Selected Characteristics.....                | 87  |
| Table B1.  | Number of Births by Race/Ethnicity of Mother and Selected<br>Characteristics .....  | 88  |
| Table B2.  | Percent of Births by Race/Ethnicity of Mother and Selected<br>Characteristics ..... | 90  |
| Table C1.  | Number and Percent of Births by Birthweight and Selected<br>Characteristics .....   | 92  |
| Table C2.  | Number and Percent of Births by Estimated Gestational Age and<br>Birthweight .....  | 94  |
| Table C3.  | Number and Percent of Births by Race/Ethnicity of Mother and<br>Birthweight .....   | 95  |
| Table D.   | Fetal, Neonatal and Infant Deaths by Selected Characteristics.....                  | 96  |
| <br><b>Technical Notes</b>                           |   |     |
| Map 1.   | Department of Health and Family Services Regions.....                               | 98  |
| Map 2.   | Perinatal Regions.....  | 99  |
| Sample Birth Certificate Worksheet .....             |   | 100 |
| Sample Certificate of Death .....                    |   | 102 |
| Sample Report of Fetal Death.....                    |   | 103 |
| Sources, Definitions and Explanations of Terms ..... |   | 104 |

## Birth and Fertility Rates

- In 2001 there were 69,012 births to Wisconsin residents, 277 fewer than in 2000.
- This marks a decline after three consecutive increases in the annual number of births. From 1991 to 1997 the number of births to Wisconsin residents declined annually.
- The 2001 crude birth rate was 12.7 births per 1,000 population, slightly lower than the 2000 rate (12.9). In comparison, the preliminary United States crude birth rate for 2001 was 14.5 births per 1,000 population. (The crude birth rate is the number of live births per 1,000 total population).
- The 2001 general fertility rate of 59.0 births per 1,000 Wisconsin females ages 15-44 was lower than the 2001 preliminary United States general fertility rate of 67.2 births per 1,000 females in this age group.

**Figure 1. Number of Births to Wisconsin Residents, 1910-2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: A live birth is the complete expulsion or extraction of an infant from its mother, regardless of the duration of pregnancy, after which the infant breathes or shows other evidence of life, such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles. Unless otherwise noted, all births referred to in this report are live births to Wisconsin residents.

- Wisconsin age-specific fertility rates are lower than the corresponding national rates for teens, women aged 20-29 and women aged 35 and older. Age-specific fertility rates are the number of births to a specific age group per 1,000 females in that age group.
- The fertility rate among Wisconsin women aged 30-34 is nearly identical to the national rate, based on United States 2001 preliminary statistics. (See Technical Notes, page 104, for source of U.S. data.)

#### **Age-Specific Fertility Rates, Wisconsin and United States, 2001**

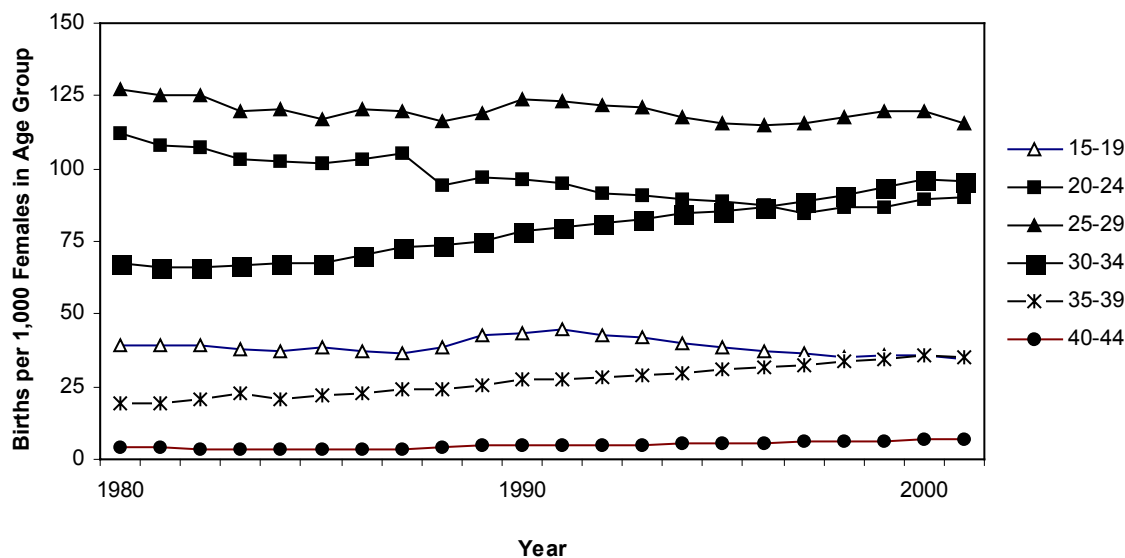
| <b>Age</b> | <b>Wisconsin Rate</b> | <b>U.S. Rate</b> |
|------------|-----------------------|------------------|
| 15-19      | 34.2                  | 45.9             |
| 15-17      | 18.8                  | 25.3             |
| 18-19      | 56.9                  | 75.8             |
| 20-24      | 90.2                  | 110.2            |
| 25-29      | 115.8                 | 121.8            |
| 30-34      | 95.5                  | 95.6             |
| 35-39      | 35.2                  | 41.4             |
| 40-44      | 7.0                   | 8.1              |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Rates are the number of births per 1,000 females in the age group. Wisconsin rates for births to mothers ages 15-19 and 15-17 include 80 births to mothers less than 15 years old; the rate for mothers aged 40-44 includes 72 births to mothers aged 45 or older. U.S. rates for ages 15-19 and 15-17 do not include births to mothers less than 15 years old; the U.S. rate for ages 40-44 does not include births to mothers aged 45 or older.

- Compared with 1980, age-specific fertility rates in 2001 were:
  - Lower for teens, women aged 20-24, and women aged 25-29.
  - Higher for women aged 30-34 and 35 plus.

**Figure 2. Age-Specific Fertility Rates, Wisconsin, 1980-2001**

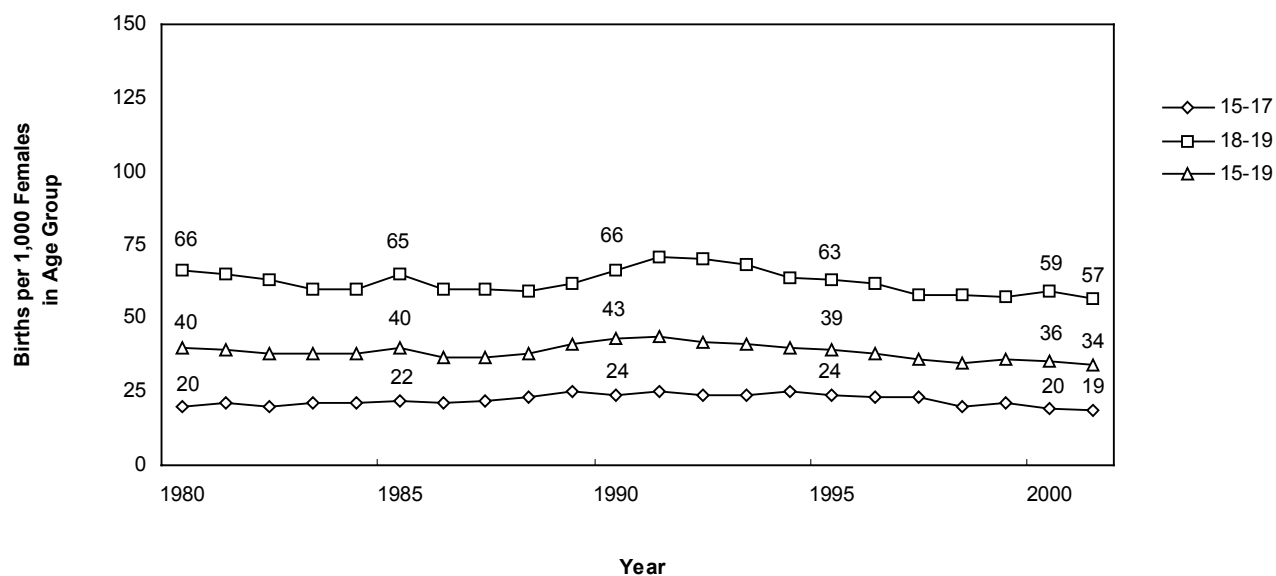


Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: The fertility rate for Wisconsin females ages 15-19 is based on that age-specific population but includes births to mothers less than 15 years old. The fertility rate for females aged 40-44 is based on that age-specific population but includes births to mothers aged 45 and older.

- In 2001, the fertility rate for Wisconsin teens aged 15-19 was 34.2 births per 1,000 females in this age group. This was slightly lower than the rate in 2000 (35.7).
- For many years the Wisconsin teen fertility rate has been lower than the comparable national rate. In 2001, the U.S. teen fertility rate was 45.9.

**Figure 3. Teen Birth Rates, Wisconsin, 1980-2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Fertility rates for ages 15-17 and 15-19 are based on these age-specific populations, but include births to mothers younger than 15 years old.

## Characteristics of the Mother

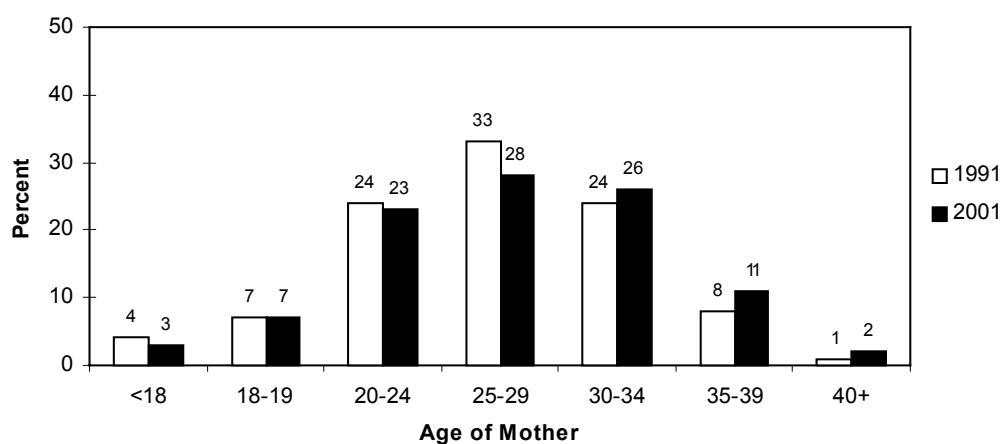
### Age of Mother

Births in 2001 included:

|        |  |
|--------|--|
| 80     | births to teens less than 15 years old |
| 2,167  | births to teens 15-17 years old        |
| 4,602  | births to teens 18-19 years old        |
| 15,951 | births to women aged 20-24             |
| 19,176 | births to women aged 25-29             |
| 17,745 | births to women aged 30-34             |
| 7,737  | births to women aged 35-39             |
| 1,480  | births to women aged 40-44             |
| 72     | births to women aged 45 or older       |
| 2      | births with unreported maternal age.   |

- From 1991 to 2001, the percent of births to women in their twenties decreased, while the percent of births to women in their thirties increased (see Figure 4). The proportion of births to teens remained about the same.

**Figure 4. Percent of Births by Age of Mother, Wisconsin, 1991 and 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: For detailed information on 2001 births by age of mother, see Supplementary Tables A1 and A2, pages 86 and 87.

## Births to Teens

- The majority of births to teens (under 20 years of age) were to older teens, aged 18-19. This was also true in 1991.

**Teen Births by Age, Wisconsin, 1991 and 2001**

| Maternal Age<br>(Teens) | 1991   |         | 2001   |         |
|-------------------------|--------|---------|--------|---------|
|                         | Number | Percent | Number | Percent |
| <15                     | 147    | 2%      | 80     | 1%      |
| 15-17                   | 2,440  | 33      | 2,167  | 32      |
| 18-19                   | 4,828  | 65      | 4,602  | 67      |
| Total <20               | 7,415  | 100%    | 6,849  | 100%    |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Percents may not add to 100 due to rounding.

- Non-Hispanic whites make up the largest number of teen births in the state (3,749 in 2001).
- Teen births represented 9.9 percent of all births, and a higher proportion of births to blacks, American Indians, Hispanics, and Laotian/Hmong.

**Teen Births by Race/Ethnicity, Wisconsin, 2001**

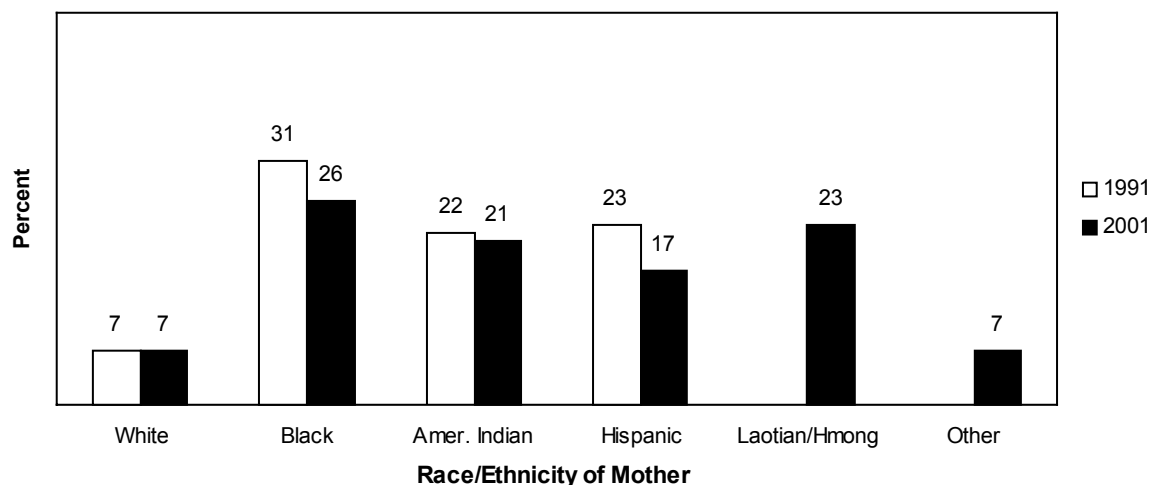
| Race/Ethnicity         | Number of Births |              | Percent of Births |              |               |
|------------------------|------------------|--------------|-------------------|--------------|---------------|
|                        | Total            | Teens (<20)  | Teens (<20)       | Ages 20+     | Total         |
| <b>Total</b>           | <b>69,012</b>    | <b>6,849</b> | <b>9.9%</b>       | <b>90.1%</b> | <b>100.0%</b> |
| White                  | 53,969           | 3,749        | 6.9               | 93.1         | 100.0         |
| Black/African American | 6,467            | 1,665        | 25.7              | 74.2         | 100.0         |
| American Indian        | 916              | 189          | 20.6              | 79.4         | 100.0         |
| Hispanic/Latino        | 5,145            | 900          | 17.5              | 82.5         | 100.0         |
| Laotian/Hmong          | 1,046            | 240          | 22.9              | 77.1         | 100.0         |
| Other                  | 1,446            | 103          | 7.1               | 92.9         | 100.0         |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Included in the total are 23 births for which race/ethnicity of mother was not reported; 3 of these were to mothers under 20 years of age.

- In 2001 compared to 1991, teen births represented a smaller proportion of births to blacks (26 percent vs. 31 percent) and Hispanics (17 percent vs. 23 percent).

**Figure 5. Births to Teens as a Percent of Total Births, by Race/Ethnicity, Wisconsin, 1991 and 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1991 data available for the Laotian/Hmong or Other groups.

- In 2001, 10 percent of teen births occurred less than 24 months since a previous birth. Eight percent of teen births occurred 24-plus months since a previous birth, and 82 percent were first births.

**Teen Births by Interval in Months Since Last Live Birth, Wisconsin, 2001**

| Birth Interval  | All Ages      | All Teens (<20) | <18          | 18-19        | All Ages      | All Teens (<20) | <18           | 18-19         |
|-----------------|---------------|-----------------|--------------|--------------|---------------|-----------------|---------------|---------------|
| <b>Total</b>    | <b>69,012</b> | <b>6,849</b>    | <b>2,247</b> | <b>4,602</b> | <b>100.0%</b> | <b>100.0%</b>   | <b>100.0%</b> | <b>100.0%</b> |
| First Birth     | 28,314        | 5,603           | 2,054        | 3,549        | 41.0          | 81.8            | 91.4          | 77.1          |
| 1-11 Months     | 527           | 75              | 22           | 53           | 0.8           | 1.1             | 1.0           | 1.2           |
| 12-17 Months    | 3,630         | 313             | 54           | 259          | 5.3           | 4.6             | 2.4           | 5.6           |
| 18-23 Months    | 5,945         | 283             | 49           | 234          | 8.6           | 4.1             | 2.2           | 5.1           |
| 24 Plus Months  | 29,535        | 529             | 55           | 474          | 42.8          | 7.7             | 2.4           | 10.3          |
| Plural Delivery | 1,061         | 46              | 13           | 33           | 1.5           | 0.7             | 0.6           | 0.7           |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Included in the total for all ages are 2 births for which age of mother was not reported. The “plural delivery” row includes those births in each multiple birth that are second or higher birth position. For example, in a twin delivery, the first-born twin is included in the birth interval distribution (months since last live birth) and the second-born twin is included in the “plural delivery” row.

**Race/Ethnicity of Mother**

- In 2001, 53,969 births (78.2%) were to non-Hispanic white women. This percentage continues a gradual decline that began over 30 years ago (it was 93% in 1971).
- 6,467 births (9.4%) were to non-Hispanic black women. The percent of births to black women has been fairly stable since 1991.
- 916 births (1.3%) were to American Indian women. This proportion has been stable for the past decade.
- 5,145 births (7.5%) were to Hispanic women. Since 1991, this group has represented an increasing proportion of births.
- 1,046 births (1.5%) were to Laotian/Hmong women.
- An additional 1,446 births (2.1%) were to women in other racial/ethnic groups (mostly Asian).

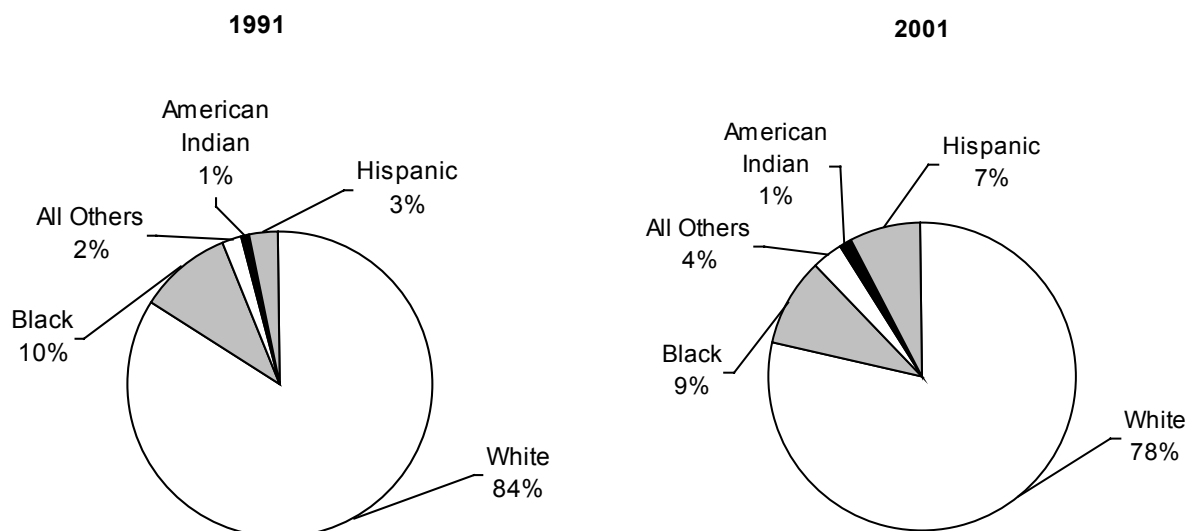
**Number and Percent of Births by Race/Ethnicity, Wisconsin, 1991 and 2001**

|                        | 1991          |               | 2001          |               |
|------------------------|---------------|---------------|---------------|---------------|
|                        | Number        | Percent       | Number        | Percent       |
| <b>Total</b>           | <b>72,039</b> | <b>100.0%</b> | <b>69,012</b> | <b>100.0%</b> |
| White                  | 60,396        | 83.8          | 53,969        | 78.2          |
| Black/African American | 7,146         | 9.9           | 6,467         | 9.4           |
| American Indian        | 836           | 1.2           | 916           | 1.3           |
| Hispanic/Latino        | 1,944         | 2.7           | 5,145         | 7.5           |
| Laotian/Hmong          |               |               | 1,046         | 1.5           |
| Other                  |               |               | 1,446         | 2.1           |
| Unknown                | 11            |               | 23            | 0.0           |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: There are no comparable data for 1991 for the Laotian/Hmong and "other" groups.

**Figure 6. Percent of Births by Race/Ethnicity of Mother, Wisconsin, 1991 and 2001**

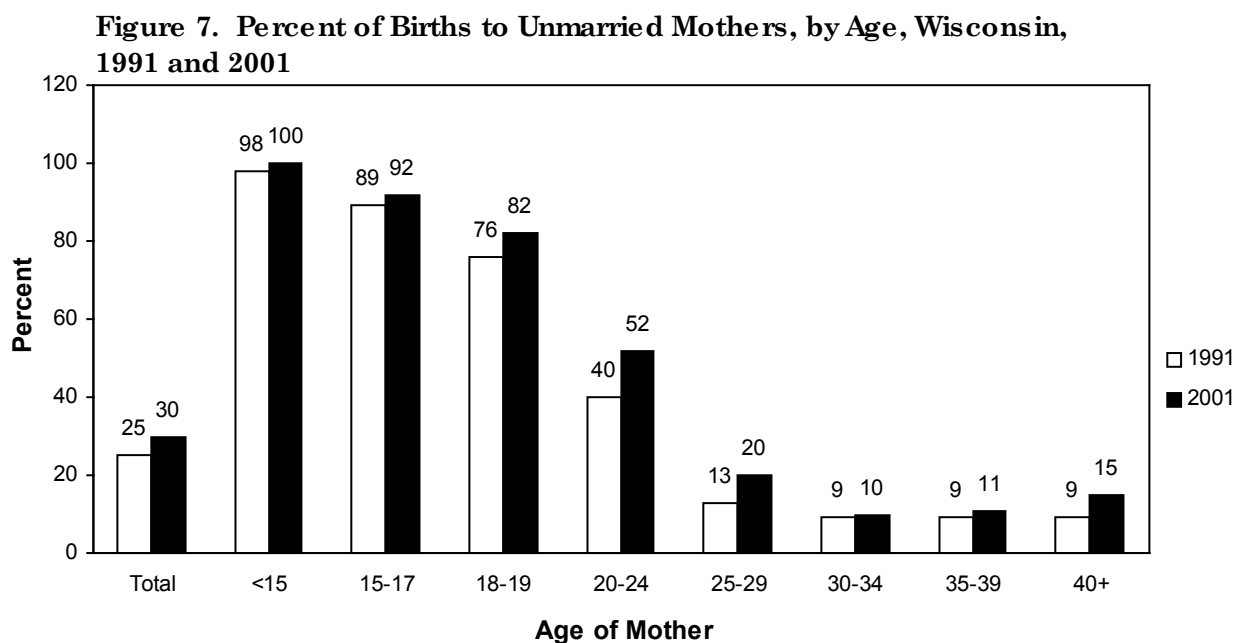


Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. For detailed information on 2001 births by race of mother, see Supplementary Tables B1 and B2, pages 88, 89, 90 and 91. Percents may not add to 100 due to rounding.

### Marital Status of Mother

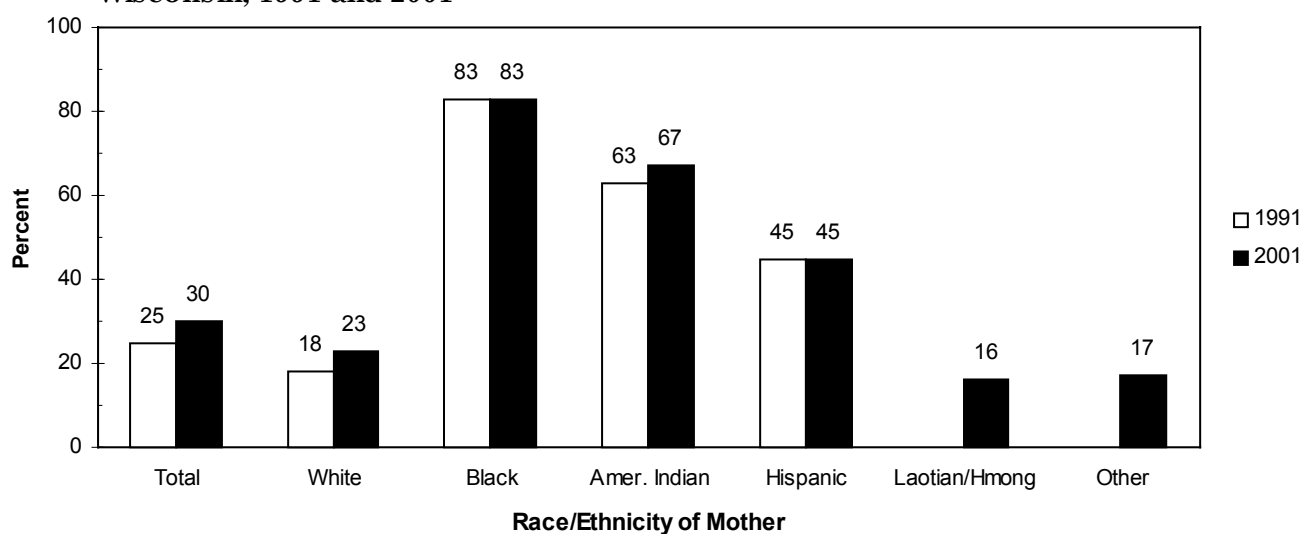
- In 2001, 30 percent of births were to unmarried women, compared with 25 percent in 1991.
- In general, the percent of mothers who are unmarried decreases with age. Eighty-two percent of those 18 to 19 years old giving birth in 2001 were unmarried, compared with only 10 percent of those aged 30-34.
- Between 1991 and 2001, the unmarried percentage increased in every maternal age group. The largest increase occurred among mothers aged 20-24 (from 40 to 52 percent—12 percentage points).



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

- From 1991 to 2001, the percent of nonmarital births increased among whites and American Indians, and remained stable among blacks and Hispanics.
- The Wisconsin percentage of births to unmarried mothers in 2001 (30%) was lower than the national percent (33%). However, the percentage of births to unmarried mothers was higher in Wisconsin than nationally among blacks (83% vs. 68%) and Hispanics (45% vs. 42%).

**Figure 8. Percent of Births to Unmarried Mothers, by Race/Ethnicity, Wisconsin, 1991 and 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1991 data for the Laotian/Hmong or Other groups.

### Education of Mother

- In 2001, 16 percent of women who gave birth had not finished high school (compared with 17 percent in 1991). This proportion varied by age so that the percentages with less than a high school education in 2001 were:

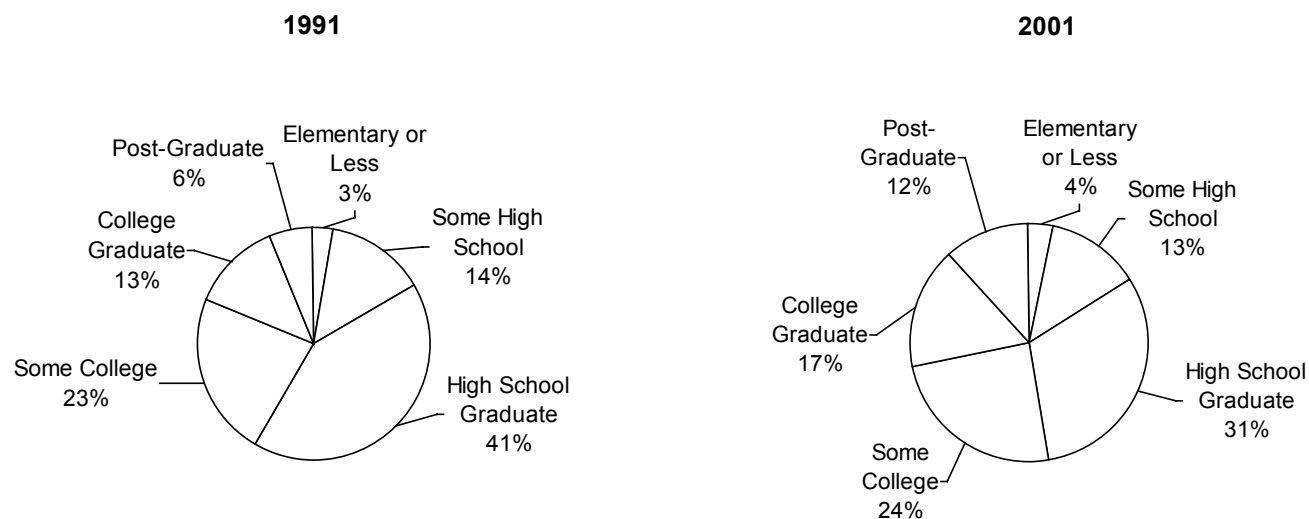
|     |                            |
|-----|----------------------------|
| 93% | among mothers less than 18 |
| 44% | among mothers 18-19        |
| 23% | among mothers 20-24        |
| 10% | among mothers 25-29        |
| 6%  | among mothers 30-34        |
| 7%  | among mothers 35-39        |
| 9%  | among mothers 40 or older  |

- On average, mothers in minority race/ethnicity groups were less likely to have completed high school. In 2001, the proportions of births to women with less than a high school education were:

|     |                                   |
|-----|-----------------------------------|
| 10% | among whites                      |
| 40% | among blacks                      |
| 31% | among American Indians            |
| 51% | among Hispanics                   |
| 41% | among Laotian/Hmong               |
| 10% | among other race/ethnicity groups |

- Fifty-three percent of women who gave birth in 2001 had attended college for one year or more. The comparable percentage in 1991 was 42 percent.

**Figure 9. Percent of Births by Education of Mother, Wisconsin, 1991 and 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

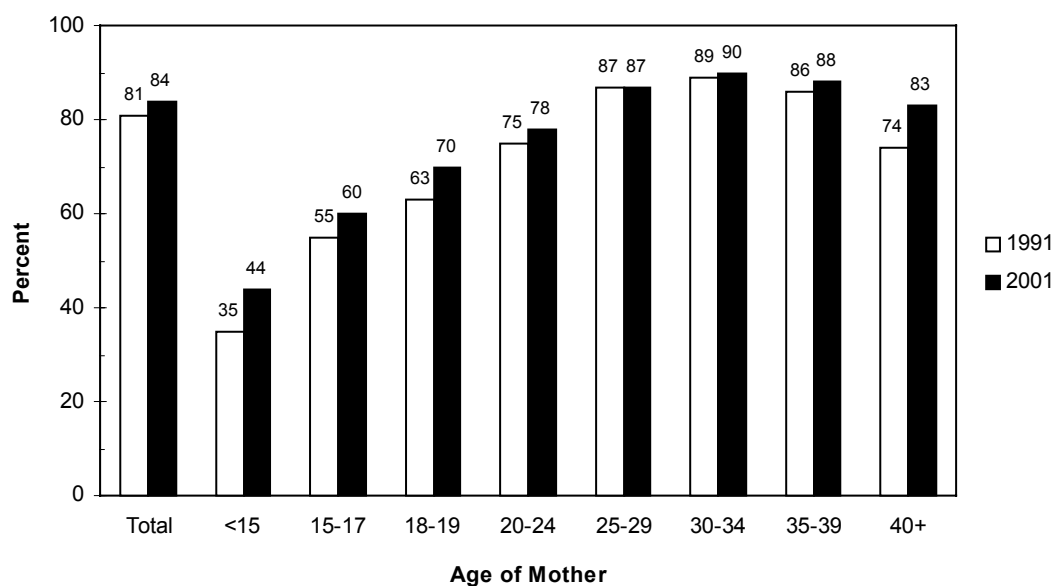
Notes: “Some High School” or “Some College” means the mother completed at least one year of schooling at that level. For detailed information on 2001 births by education of mother, see Supplementary Tables A-C, pages 86 to 92. Percents may not add to 100 due to rounding.

## Characteristics of the Pregnancy and Delivery

### Prenatal Care

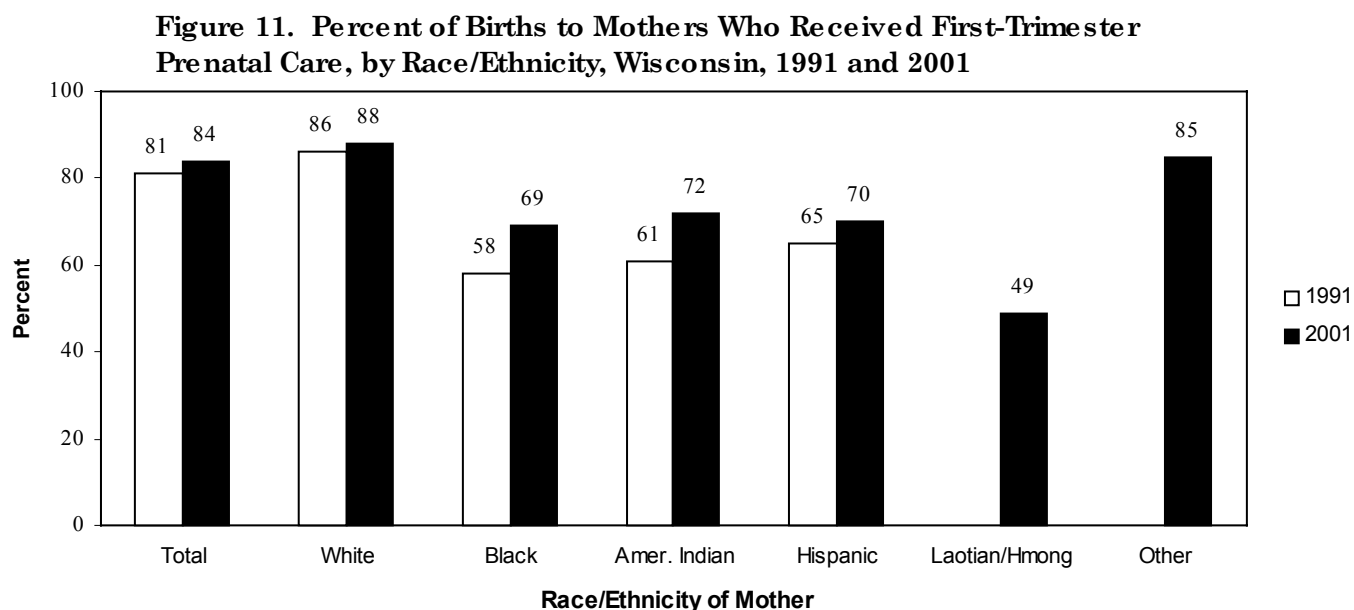
- The overall proportion of women who received first-trimester prenatal care was 84 percent in 2001, compared with 81 percent in 1991.
- In 2,265 births in 2001, the mother either did not begin prenatal care until the third trimester of pregnancy (1,715 births) or received no care at all (550 births). These births with “late or no prenatal care” constituted 3.3 percent of all births (down from 3.8 percent in 1991).
- Teenage mothers and mothers age 40 and older were more likely to receive first-trimester care in 2001 than in 1991.
- The percent of Wisconsin women who received first-trimester prenatal care in 2001 (84%) was similar to the 2001 preliminary national figure (83%).

**Figure 10. Percent of Births to Mothers Who Received First-Trimester Prenatal Care, by Age, Wisconsin, 1991 and 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

- From 1991 to 2001, the proportion of women receiving first-trimester care increased within each race/ethnicity group. The increase was especially striking among African American and American Indian women.



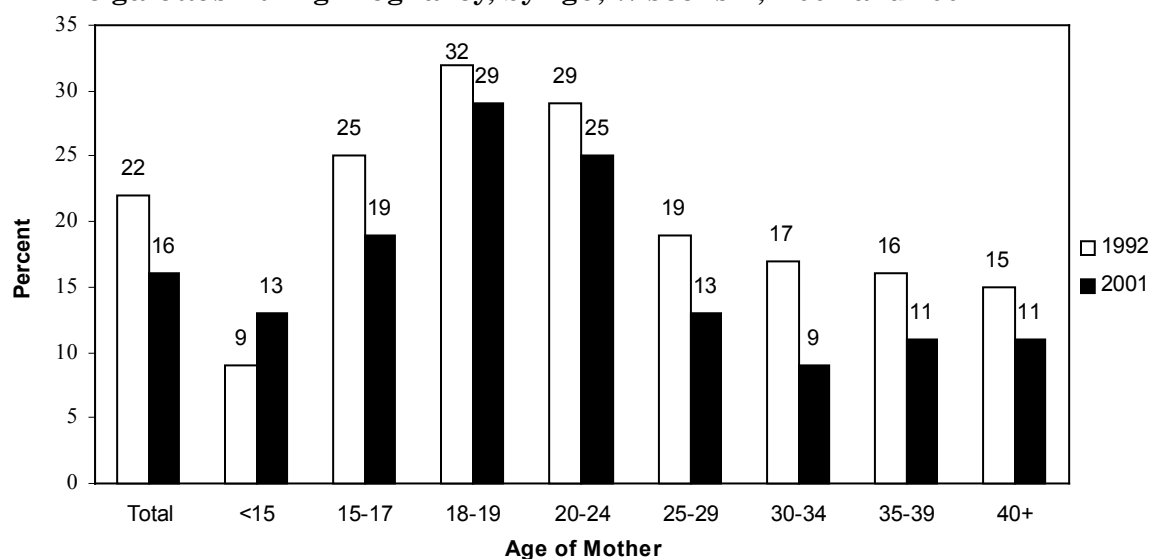
Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1991 data available for the Laotian/Hmong or Other groups.

## Cigarette Smoking

- Smoking during pregnancy poses risks for fetal development and infant health. Maternal smoking is associated with low birthweight in two ways: it slows fetal growth during gestation and increases the risk of a premature birth.
- The proportion of women who reported they smoked during pregnancy decreased from 22 percent in 1992 to 16 percent in 2001 (the same percent as in 2000).
- From 1992 to 2001, smoking during pregnancy declined in most maternal age groups. The only exception was found among the small group of mothers under 15 years of age.

**Figure 12. Percent of Births to Mothers Who Reported Smoking Cigarettes During Pregnancy, by Age, Wisconsin, 1992 and 2001**

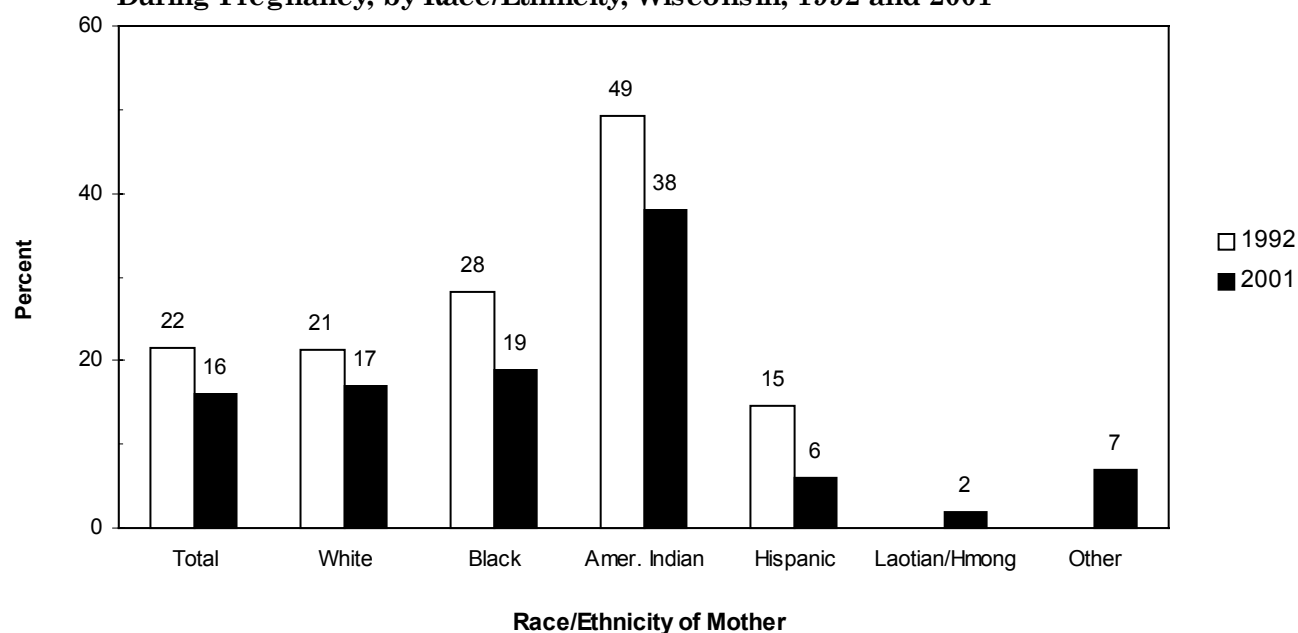


Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: A question about self-reported smoking during pregnancy was introduced on the 1989 birth certificate. Results of this question have been analyzed since 1992. For detailed information on 2001 births by smoking behavior during pregnancy, see Supplementary Tables A, B and C, pages 86 to 93.

- From 1992 to 2001, the percentage of mothers who reported smoking during pregnancy declined in each race/ethnicity group.
- No data are presented on mother's self-reported use of alcohol during pregnancy because this item appears to be under-reported on the birth reporting form. This conclusion is based on the inconsistency between birth certificate data (1.2% of mothers reported drinking during pregnancy in 2001) and the 2001 Behavioral Risk Factor Survey (71% of Wisconsin women aged 18-44 reported drinking within the past month).

**Figure 13. Percent of Births to Mothers Who Reported Smoking Cigarettes During Pregnancy, by Race/Ethnicity, Wisconsin, 1992 and 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1992 data available for the Laotian/Hmong or Other groups. For detailed information on 2001 births by smoking behavior during pregnancy, see Supplementary Tables A, B and C, pages 86 to 93.

## Medical Risk Factors

The most frequently reported maternal medical risk factors reported for 2001 births were sexually transmitted diseases (reported in 5.8 percent of births), hypertension (5.8 percent), diabetes (4.0 percent), anemia (3.6 percent), and lung disease (3.5 percent).

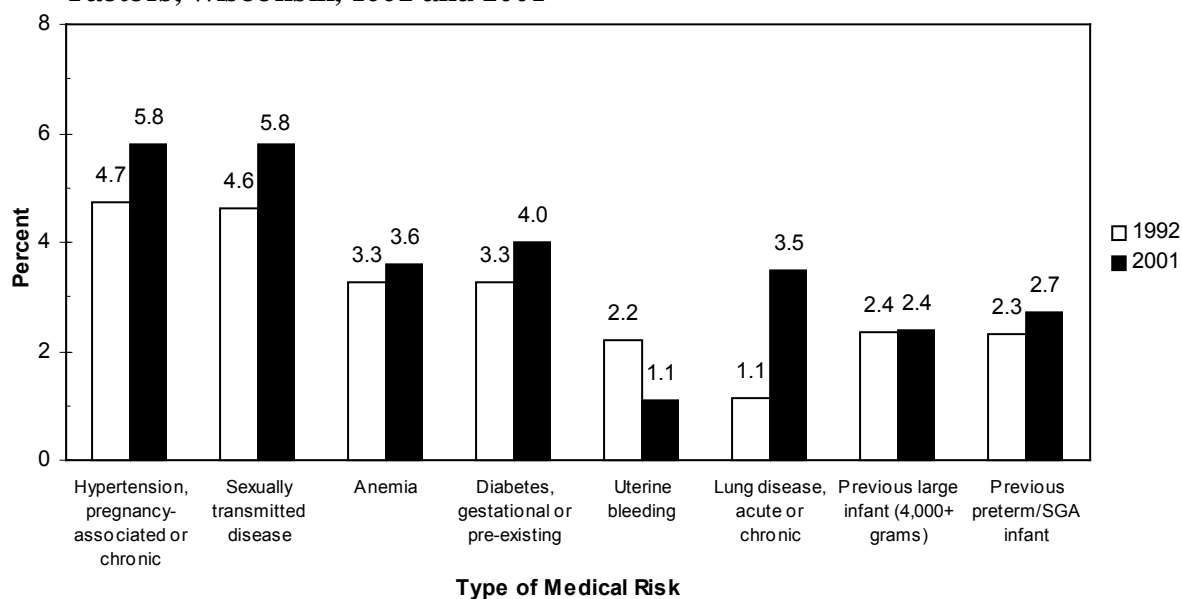
### **Births with Reported Medical Risk Factors, Wisconsin, 2001**

|   | <b>Number</b> | <b>Percent</b> |
|---|---------------|----------------|
| Sexually Transmitted Diseases                     | 4,016         | 5.8%           |
| Hypertension                                      | 4,021         | 5.8            |
| Pregnancy-Associated                              | 3,359         | 4.9            |
| Chronic   | 662           | 1.0            |
| Diabetes  | 2,756         | 4.0            |
| Gestational                                       | 2,377         | 3.4            |
| Pre-Existing                                      | 379           | 0.5            |
| Anemia  | 2,484         | 3.6            |
| Lung Disease, Acute or Chronic                    | 2,433         | 3.5            |
| Previous Preterm/Small for Gestational Age Infant | 1,853         | 2.7            |
| Previous Large Infant (4,000+ grams)              | 1,622         | 2.4            |
| Uterine Bleeding                                  | 771           | 1.1            |
| Cardiac Disease                                   | 774           | 1.1            |
| Hydramnios/Oligohydramnios                        | 713           | 1.0            |
| Renal Disease                                     | 393           | 0.6            |
| Rh Sensitization                                  | 531           | 0.8            |
| Eclampsia   | 207           | 0.3            |
| Incompetent Cervix                                | 242           | 0.4            |
| Any Reported                                      | 27,711        | 40.2           |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for definitions of maternal medical risk factors. Since more than one medical risk factor may be indicated for each birth, and since conditions in the "other" checkbox are not reported in this table, columns will not sum to the "any reported" line. The maternal medical risk factor checklist was introduced on the 1989 birth certificate. By 1992, this information was considered sufficiently well recorded and edited to be included in the annual reports.

**Figure 14. Percent of Births with Selected Maternal Medical Risk Factors, Wisconsin, 1992 and 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

## Methods of Delivery

In 2001, the following methods of delivery were reported:

|   |        |        |
|---|--------|--------|
| Vaginal (no previous C-section)         | 53,197 | 77.1%  |
| Primary C-Section                       | 8,277  | 12.0   |
| Repeat C-Section                        | 4,893  | 7.1    |
| Vaginal After Previous C-Section (VBAC) | 1,463  | 2.1    |
| Forceps                                 | 1,180  | 1.7    |
| Other                                   | 2      | 0.0    |
| Total                                   | 69,012 | 100.0% |

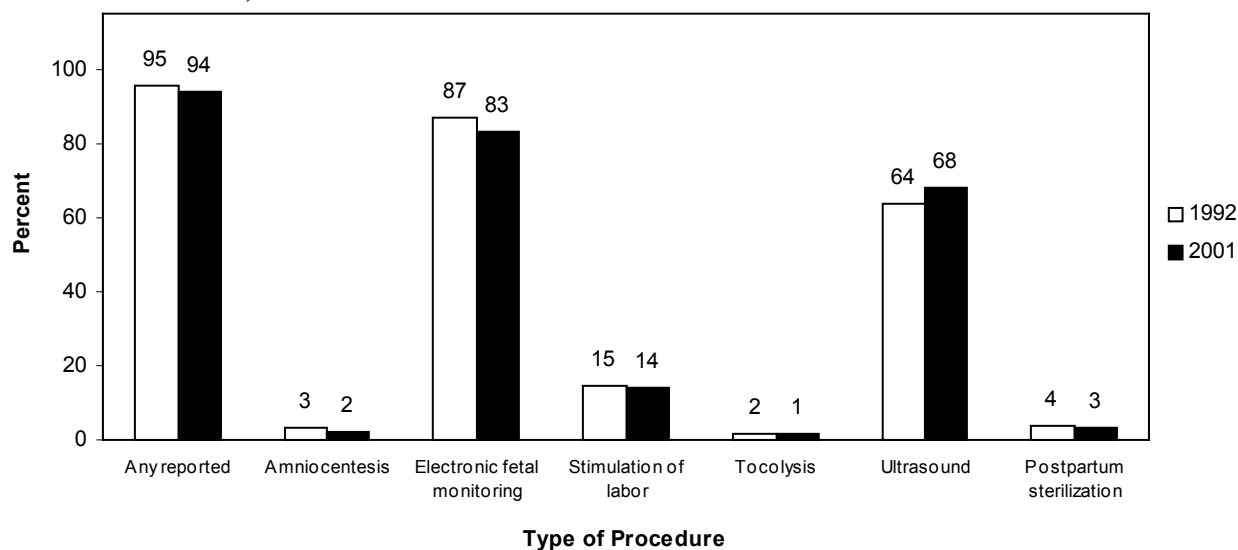
## Obstetric Procedures

In 2001, births with reported obstetric procedures included:

|                                   |        |       |
|-----------------------------------|--------|-------|
| Electronic fetal monitoring       | 57,474 | 83.3% |
| Ultrasound                        | 47,259 | 68.5  |
| Stimulation of labor              | 9,555  | 13.8  |
| Amniocentesis                     | 1,274  | 1.8   |
| Postpartum sterilization          | 1,938  | 2.8   |
| Tocolysis                         | 905    | 1.3   |
| Other Procedures                  | 95     | 0.1   |
| Births With Reported Procedure(s) | 64,951 | 94.1  |

Notes: See Technical Notes for definitions of obstetric procedures. Each birth could have more than one type of procedure reported.  
No data is presented on induction of labor because coding and reporting processes are being modified for this data item to address statistical discrepancies.

**Figure 15. Percent of Births with Obstetric Procedures Reported, Wisconsin, 1992 and 2001**



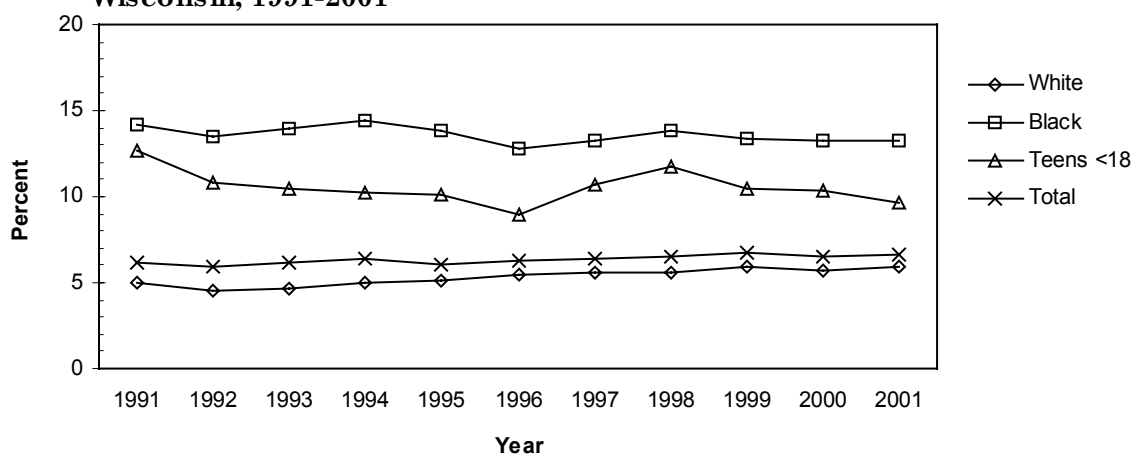
Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

## Characteristics of the Newborn

### Low Birthweight

- In 2001, 4,557 Wisconsin infants were low birthweight; that is, they weighed less than 2,500 grams (about 5.5 pounds) at birth. This total represented 6.6 percent of all births (6.5 percent in 2000). In comparison, 7.6 percent of all infants born in the United States in 2001 weighed less than 2,500 grams.
- Among these low birthweight infants, 885 were born at *very* low birthweight (less than 1,500 grams or about 3.3 pounds) and were thus at the highest risk for health problems. The very low birthweight percentage was 1.3 percent among all births, and 1.0 percent of births to whites, 1.2 percent of births to Hispanics, 3.7 percent of births to blacks, 1.5 percent of births to American Indians, and 0.7 percent of births to Laotian/Hmong.
- Compared with the overall incidence of low birthweight in 2001 (6.6 percent), higher percentages of low-birthweight infants were born to:
  - Mothers who received no prenatal care (23.8 percent),
  - Non-Hispanic black women (13.3 percent),
  - Women who smoked during pregnancy (10.7 percent),
  - Girls less than 15 years old (10.0 percent),
  - Women who were unmarried (9.3 percent).
  - Women with less than a high school education (9.1 percent),
- From 1991 to 2001, the low-birthweight percentage among infants born to mothers less than 18 years of age fluctuated from a low of 10.2 percent in 1990 to a high of 12.7 percent in 1991. In 2001, this percentage was 9.6 (compared with 6.5 among mothers age 18 and older).
- Forty-one percent of premature infants were of low birthweight (see page 92).
- Twins or other multiple births made up 24 percent of all low-birthweight births in 2001.

**Figure 16. Percent of Births at Low Birthweight (< 2,500 grams), Wisconsin, 1991-2001**

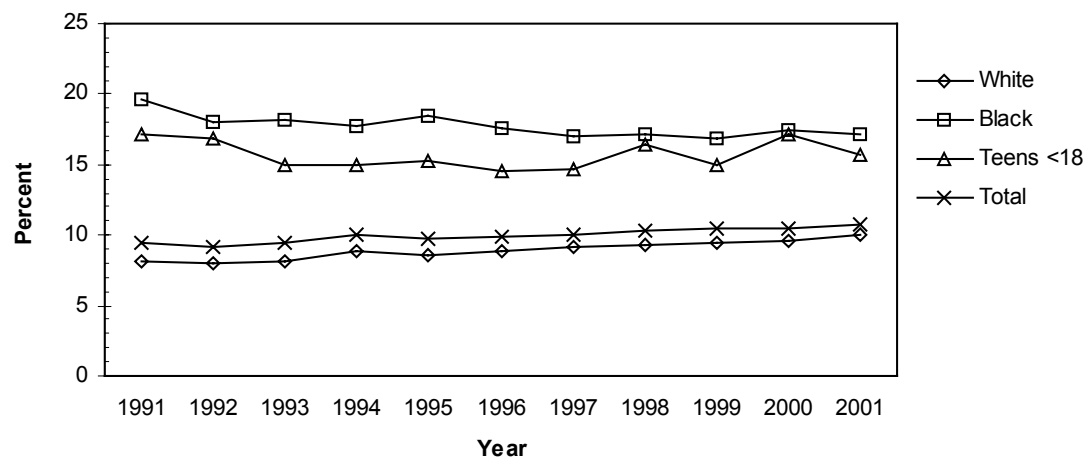


Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

# Prematurity

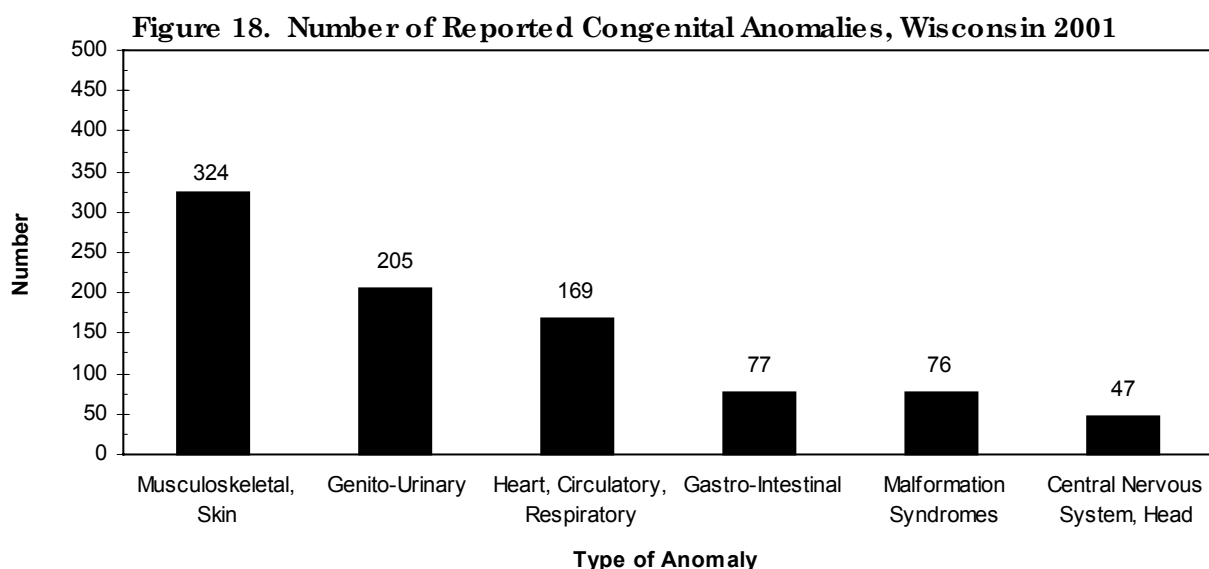
- In 2001, 7,433 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks). This total represented 10.8 percent of all births (compared to 10.4 percent in 2000). (See Technical Notes, page 105, for full definition of prematurity.)
- Compared with the overall proportion of premature infants in 2001 (10.8 percent), higher percentages of premature infants were born to:
  - Non-Hispanic black women (17.1 percent),
  - Teenagers less than 18 years old (15.7 percent),
  - Women who were unmarried (13.3 percent),
  - Women with less than a high school education (13.2 percent),
  - Women who smoked during pregnancy (12.9 percent),
  - Laotian/Hmong women (11.3 percent).
- Sixty-seven percent of low birthweight infants (birthweight under 2,500 grams) were premature.
- Twins or other multiple births made up 16.1 percent of all premature births in 2001. From 1991 to 2001, multiple births increased from 2.4 percent to 3.0 percent of all births.
- Prematurity increased from 6.3 percent of all births in 1991 to 10.8 percent of all births in 2001.
- Prematurity among infants born to mothers less than 18 years of age fluctuated from a low of 13.4 percent in 1991 to a high of 15.7 percent in 2001. (Prematurity among infants born to mothers 18 and older was 10.6 percent in 2001.)

**Figure 17. Percent of Premature Births, Wisconsin, 1991-2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.  
 Note: 'Premature' means less than 37 weeks of gestation. Since 1980, gestational age has been calculated as the difference between the date of last normal menses and the date of delivery. Since 1993, clinical estimate of gestation has been substituted where date of last normal menses is unknown. Data for 1991-1992 shown on this page were recalculated to make them comparable with data for subsequent years, and differ from previously published data.

**Congenital Anomalies**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

**Reported Congenital Anomalies, Wisconsin 2001**

|   |            |                                     |            |
|---|------------|-------------------------------------|------------|
| <b>Total Births With Reported Anomalies</b> | <b>876</b> | <b>Genito-Urinary</b>               | <b>205</b> |
|   |            | Malformed Genitalia                 | 134        |
| <b>Central Nervous System, Head</b>         | <b>47</b>  | Renal Agenesis                      | 15         |
| Anencephalus                                | 6          | Other Urogenital                    | 58         |
| Spina Bifida/Meningocele                    | 17         |                                     |            |
| Hydrocephalus                               | 10         | <b>Musculoskeletal/Skin</b>         | <b>324</b> |
| Microcephalus                               | 10         | Cleft Lip, Palate                   | 73         |
| Other Central Nervous System                | 15         | Polydactyly, Syndactyly, Adactyly   | 87         |
|   |            | Club Foot                           | 60         |
| <b>Heart, Circulatory, Respiratory</b>      | <b>169</b> | Diaphragmatic Hernia                | 11         |
| Heart Malformations                         | 128        | Other Musculoskeletal/ Integumental | 107        |
| Other Circulatory/Respiratory               | 48         |                                     |            |
|   |            | <b>Malformation Syndromes</b>       | <b>76</b>  |
| <b>Gastro-Intestinal</b>                    | <b>77</b>  | Down Syndrome                       | 51         |
| Rectal Atresia, Stenosis                    | 15         | Other Chromosomal                   | 25         |
| Tracheo-Esophageal Fistula                  | 10         |                                     |            |
| Omphalocele, Gastroschisis                  | 31         | <b>All Other</b>                    | <b>72</b>  |
| Other Gastrointestinal                      | 21         |                                     |            |

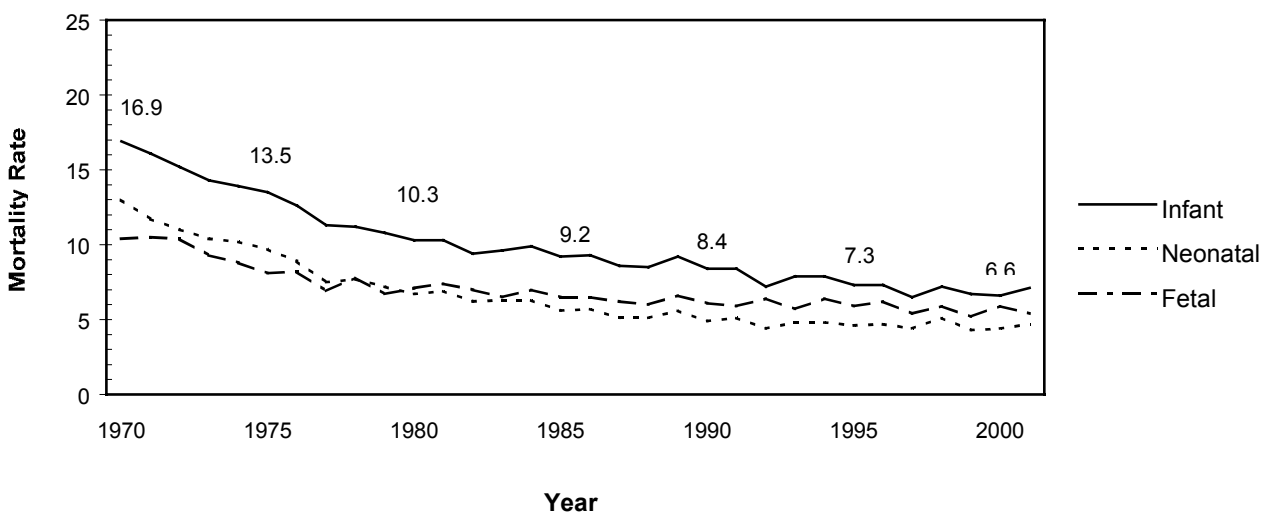
Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: These numbers reflect only those congenital anomalies that can be discerned at birth and are reported on the birth certificate. Many are not detected before the newborn is discharged from the hospital. Since more than one anomaly may be reported for each infant, the column does not add to total. This table is not comparable with congenital anomalies data published prior to 1989; see Technical Notes for explanation.

## Mortality

- In Wisconsin, 491 infants under the age of one year died in 2001. The 2001 infant mortality rate was 7.1 infant deaths per 1,000 live births, compared to 6.6 in 2000 and 8.4 in 1991. The 2000 U.S. infant mortality rate (the latest available data) was 6.9 infant deaths per 1,000 live births.
- There were 323 neonatal deaths (deaths of infants less than 28 days of age) in 2001, accounting for 66 percent of total infant deaths that year. The neonatal mortality rate in 2001 was 4.7 neonatal deaths per 1,000 live births, compared with 4.4 in 2000 and 5.1 in 1991. In the U.S. in 2000 (the latest available data), the neonatal mortality rate was 4.6 per 1,000 live births.
- The fetal death rate (fetal deaths per 1,000 live births and fetal deaths) was 5.4 in 2001. In comparison, the fetal death rate for 1991 was 5.9 per 1,000. (For the definition of “fetal death,” see Technical Notes, page 105.)
- The black infant mortality rate for 2001 (18.7 deaths per 1,000 births to black mothers) was higher than the comparable rate in 2000 (16.9) and 1991 (14.0). The 2001 white infant mortality rate (5.7 deaths per 1,000 births to white mothers) was similar to the 2000 rate (5.6), but lower than the 1991 rate (7.7).

**Figure 19. Infant, Neonatal, and Fetal Mortality Rates, 1970-2001**



Source: Resident birth certificates, matched birth-death file and fetal death file, Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

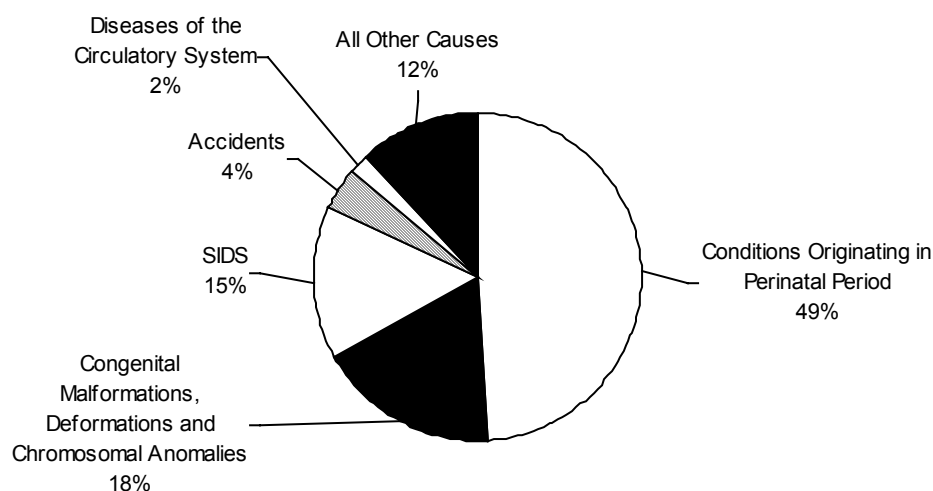
Notes: An infant death is one that occurs before one year of age. The infant death rate is the number of resident infant deaths divided by total resident live births times 1,000. For detailed information on 2001 infant, neonatal and fetal deaths, see Supplementary Table D, pages 96 and 97.

- Infants born to teenagers are at a higher risk of death than infants born to older mothers. In 2001, the infant mortality rate was 12.0 per 1,000 births among infants born to mothers aged less than 20, compared with 6.6 per 1,000 among infants born to women aged 20 and older.
- There were 4 maternal deaths in 2001; these are deaths attributed to pregnancy-related health conditions or events of delivery.

### Causes of Infant Death

- “Conditions originating in the perinatal period” accounted for 49 percent of infant deaths in 2001. This category includes a variety of conditions that occur just before, during and after birth, such as pregnancy complications; complications of the placenta, cord and membranes; and unspecified prematurity and low birthweight.
- Congenital malformations, deformations and chromosomal anomalies accounted for about 18 percent of infant deaths in 2001.
- Fifteen percent of infant deaths in 2001 were attributed to Sudden Infant Death Syndrome (SIDS).

**Figure 20. Leading Causes of Infant Death, 2001**



Source: Resident birth certificates, matched birth-death file and fetal death file, Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Beginning with 1999 data, causes of death have been coded using the International Classification of Diseases, Tenth Revision (ICD 10). This may affect comparability with previous years for some categories of death. See Technical Notes, page 105.

**Table 1. Population, Births by Sex, Crude and General Fertility Rates by County of Residence, Wisconsin 2001**

| County       | Population Estimates | Total Births  | Male          | Female        | Crude Birth Rate | General Fertility Rate |
|--------------|----------------------|---------------|---------------|---------------|------------------|------------------------|
| <b>Total</b> | <b>5,420,340</b>     | <b>69,012</b> | <b>35,051</b> | <b>33,960</b> | <b>12.7</b>      | <b>59.0</b>            |
| Adams        | 19,696               | 179           | 92            | 87            | 9.1              | 55.6                   |
| Ashland      | 16,921               | 190           | 109           | 81            | 11.2             | 53.1                   |
| Barron       | 45,484               | 472           | 248           | 224           | 10.4             | 53.0                   |
| Bayfield     | 15,167               | 135           | 72            | 63            | 8.9              | 50.4                   |
| Brown        | 230,000              | 3,232         | 1,635         | 1,597         | 14.1             | 61.6                   |
| Buffalo      | 13,898               | 143           | 71            | 72            | 10.3             | 53.5                   |
| Burnett      | 15,966               | 155           | 79            | 76            | 9.7              | 58.7                   |
| Calumet      | 41,823               | 597           | 285           | 312           | 14.3             | 65.1                   |
| Chippewa     | 56,164               | 672           | 345           | 327           | 12.0             | 59.3                   |
| Clark        | 33,940               | 518           | 257           | 261           | 15.3             | 80.3                   |
| Columbia     | 53,359               | 651           | 318           | 333           | 12.2             | 61.8                   |
| Crawford     | 17,227               | 199           | 95            | 104           | 11.6             | 63.2                   |
| Dane         | 434,568              | 5,520         | 2,802         | 2,718         | 12.7             | 50.9                   |
| Dodge        | 86,767               | 926           | 454           | 472           | 10.7             | 54.7                   |
| Door         | 28,397               | 262           | 118           | 144           | 9.2              | 53.0                   |
| Douglas      | 43,610               | 513           | 261           | 252           | 11.8             | 55.4                   |
| Dunn         | 40,542               | 445           | 220           | 225           | 11.0             | 45.8                   |
| Eau Claire   | 94,082               | 1,146         | 620           | 526           | 12.2             | 49.8                   |
| Florence     | 5,110                | 40            | 20            | 20            | 7.8              | 43.9                   |
| Fond du Lac  | 98,194               | 1,091         | 573           | 518           | 11.1             | 51.8                   |
| Forest       | 10,042               | 100           | 46            | 54            | 10.0             | 56.5                   |
| Grant        | 49,845               | 547           | 272           | 275           | 11.0             | 54.0                   |
| Green        | 34,106               | 397           | 199           | 198           | 11.6             | 58.0                   |
| Green Lake   | 19,256               | 230           | 126           | 104           | 11.9             | 65.3                   |
| Iowa         | 23,117               | 310           | 153           | 157           | 13.4             | 64.4                   |
| Iron         | 6,839                | 48            | 21            | 27            | 7.0              | 41.4                   |
| Jackson      | 19,284               | 205           | 83            | 122           | 10.6             | 59.2                   |
| Jefferson    | 75,852               | 914           | 458           | 456           | 12.1             | 56.4                   |
| Juneau       | 24,726               | 252           | 123           | 129           | 10.2             | 54.8                   |
| Kenosha      | 152,350              | 2,119         | 1,100         | 1,019         | 13.9             | 62.3                   |
| Kewaunee     | 20,377               | 243           | 119           | 124           | 11.9             | 59.6                   |
| La Crosse    | 108,013              | 1,260         | 656           | 604           | 11.7             | 48.3                   |
| Lafayette    | 16,190               | 200           | 94            | 106           | 12.4             | 62.1                   |
| Langlade     | 20,891               | 213           | 108           | 105           | 10.2             | 55.4                   |
| Lincoln      | 29,905               | 329           | 172           | 157           | 11.0             | 56.5                   |
| Manitowoc    | 83,085               | 908           | 476           | 432           | 10.9             | 55.4                   |
| Marathon     | 126,857              | 1,534         | 775           | 759           | 12.1             | 58.1                   |

(Continued)

**Table 1. Population, Births by Sex, Crude and General Fertility Rates by County of Residence, Wisconsin 2001**

| County      | Population Estimates | Total Births | Male  | Female | Crude Birth Rate | General Fertility Rate |
|-------------|----------------------|--------------|-------|--------|------------------|------------------------|
| Marinette   | 43,628               | 386          | 213   | 173    | 8.8              | 46.3                   |
| Marquette   | 15,335               | 162          | 92    | 70     | 10.6             | 66.0                   |
| Menominee   | 4,622                | 93           | 54    | 39     | 20.1             | 100.2                  |
| Milwaukee   | 937,247              | 14,727       | 7,486 | 7,241  | 15.7             | 68.7                   |
| Monroe      | 41,503               | 593          | 310   | 283    | 14.3             | 72.1                   |
| Oconto      | 36,504               | 392          | 201   | 191    | 10.7             | 54.6                   |
| Oneida      | 37,144               | 278          | 148   | 130    | 7.5              | 42.2                   |
| Outagamie   | 164,310              | 2,244        | 1,157 | 1,087  | 13.7             | 61.2                   |
| Ozaukee     | 83,509               | 867          | 426   | 441    | 10.4             | 52.2                   |
| Pepin       | 7,310                | 88           | 39    | 49     | 12.0             | 63.6                   |
| Pierce      | 37,405               | 383          | 190   | 193    | 10.2             | 40.0                   |
| Polk        | 42,304               | 508          | 246   | 262    | 12.0             | 62.4                   |
| Portage     | 67,557               | 743          | 351   | 392    | 11.0             | 45.8                   |
| Price       | 15,748               | 139          | 73    | 66     | 8.8              | 50.7                   |
| Racine      | 190,025              | 2,581        | 1,307 | 1,274  | 13.6             | 64.2                   |
| Richland    | 18,118               | 204          | 102   | 102    | 11.3             | 59.2                   |
| Rock        | 153,758              | 2,028        | 1,045 | 983    | 13.2             | 61.9                   |
| Rusk        | 15,377               | 185          | 85    | 100    | 12.0             | 66.5                   |
| St. Croix   | 66,154               | 912          | 475   | 437    | 13.8             | 61.7                   |
| Sauk        | 56,164               | 701          | 370   | 331    | 12.5             | 61.5                   |
| Sawyer      | 16,449               | 182          | 91    | 91     | 11.1             | 64.9                   |
| Shawano     | 41,078               | 462          | 221   | 241    | 11.2             | 58.5                   |
| Sheboygan   | 113,639              | 1,339        | 697   | 642    | 11.8             | 58.0                   |
| Taylor      | 19,714               | 246          | 120   | 126    | 12.5             | 62.2                   |
| Trempealeau | 27,250               | 330          | 158   | 172    | 12.1             | 62.9                   |
| Vernon      | 28,411               | 377          | 188   | 189    | 13.3             | 72.4                   |
| Vilas       | 21,443               | 194          | 108   | 86     | 9.0              | 56.7                   |
| Walworth    | 94,803               | 1,136        | 583   | 553    | 12.0             | 53.7                   |
| Washburn    | 16,366               | 156          | 86    | 70     | 9.5              | 54.9                   |
| Washington  | 119,814              | 1,484        | 765   | 719    | 12.4             | 58.1                   |
| Waukesha    | 366,723              | 4,421        | 2,220 | 2,201  | 12.1             | 58.7                   |
| Waupaca     | 52,233               | 602          | 307   | 294    | 11.5             | 59.1                   |
| Waushara    | 23,531               | 232          | 110   | 122    | 9.9              | 57.4                   |
| Winnebago   | 157,836              | 1,851        | 924   | 927    | 11.7             | 52.0                   |
| Wood        | 75,685               | 891          | 448   | 443    | 11.8             | 57.6                   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the total is 1 birth for which sex was not reported.  
The crude birth rate is the number of resident live births divided by the resident population times 1,000. The general fertility rate is the number of resident live births divided by the number of females ages 15-44 times 1,000.  
Population estimates are from the United States Census Bureau and the Wisconsin Department of Administration, Demographic Services Center. These estimates are provisional and subject to revision.

**Table 2. Population, Births and Crude Birth Rates by Selected Places of Residence, Wisconsin 2001**

| City                | Population Estimates | Births | Crude Birth Rate |
|---------------------|----------------------|--------|------------------|
| Appleton            | 70,623               | 1,232  | 17.4             |
| Beloit              | 35,931               | 582    | 16.2             |
| Brookfield          | 38,823               | 275    | 7.1              |
| Caledonia (T)       | 23,848               | 135    | 5.7              |
| De Pere             | 20,777               | 330    | 15.9             |
| Eau Claire          | 62,368               | 801    | 12.8             |
| Fitchburg           | 20,815               | 159    | 7.6              |
| Fond du Lac         | 42,411               | 598    | 14.1             |
| Franklin            | 30,199               | 291    | 9.6              |
| Green Bay           | 102,391              | 1,802  | 17.6             |
| Greenfield          | 35,568               | 319    | 9.0              |
| Janesville          | 60,483               | 920    | 15.2             |
| Kenosha             | 90,963               | 1,729  | 19.0             |
| La Crosse           | 51,604               | 588    | 11.4             |
| Madison             | 210,377              | 3,000  | 14.3             |
| Manitowoc           | 34,161               | 452    | 13.2             |
| Menomonee Falls (V) | 32,778               | 385    | 11.7             |
| Mequon/Thiensville  | 25,882               | 207    | 8.0              |
| Milwaukee           | 595,508              | 11,198 | 18.8             |
| Mount Pleasant (T)  | 23,330               | 86     | 3.7              |
| Muskego             | 21,491               | 240    | 11.2             |
| Neenah/Menasha      | 40,903               | 652    | 15.9             |
| New Berlin          | 38,652               | 470    | 12.2             |
| Oak Creek           | 29,232               | 362    | 12.4             |
| Oshkosh             | 63,225               | 758    | 12.0             |
| Racine              | 81,665               | 1,710  | 20.9             |
| Sheboygan           | 50,753               | 735    | 14.5             |
| South Milwaukee     | 21,308               | 241    | 11.3             |
| Stevens Point       | 24,698               | 315    | 12.8             |
| Sun Prairie         | 21,013               | 404    | 19.2             |
| Superior            | 27,387               | 325    | 11.9             |
| Watertown           | 21,928               | 310    | 14.1             |
| Waukesha            | 65,324               | 1,107  | 16.9             |
| Wausau              | 38,654               | 566    | 14.6             |
| Wauwatosa           | 47,179               | 533    | 11.3             |
| West Allis          | 61,164               | 627    | 10.3             |
| West Bend           | 28,353               | 450    | 15.9             |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: The crude birth rate is the number of resident live births divided by the resident population times 1,000.

This table includes cities, townships (T) and villages (V) with a population of 20,000 or more according to population estimates from the United States Census Bureau and the Wisconsin Department of Administration, Demographic Services Center. These estimates are provisional and subject to revision.

Combined areas include: Mequon (C) with Thiensville (V); and Neenah (C) with Menasha (C).

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2001**

|                    |               |                      |       |                       |       |
|--------------------|---------------|----------------------|-------|-----------------------|-------|
| <b>STATE TOTAL</b> | <b>69,012</b> | <b>CHIPPEWA</b>      | 672   | Westport (T)          | 18    |
| Urban*             | 54,626        | Bloomer (C)          | 44    | Windsor (T)           | 56    |
| Balance of State   | 14,386        | Chippewa Falls (C)   | 193   | Balance of County     | 415   |
|                    |               | Eagle Point (T)      | 24    |                       |       |
| <b>ADAMS</b>       | 179           | Eau Claire (C) (Pt.) | 25    | <b>DODGE</b>          | 926   |
| Rome (T)           | 13            | Hallie (T)           | 59    | Beaver Dam (C)        | 242   |
| Balance of County  | 166           | Lafayette (T)        | 48    | Beaver Dam (T)        | 18    |
|                    |               | Balance of County    | 279   | Columbus (C) (Pt.)    | 1     |
| <b>ASHLAND</b>     | 190           |                      |       | Fox Lake (T)          | 11    |
| Ashland (C)        | 91            | <b>CLARK</b>         | 518   | Horicon (C)           | 48    |
| Balance of County  | 99            | Neillsville (C)      | 40    | Mayville (C)          | 46    |
|                    |               | Balance of County    | 478   | Watertown (C) (Pt.)   | 105   |
| <b>BARRON</b>      | 472           |                      |       | Waupun (C) (Pt.)      | 66    |
| Barron (C)         | 47            | <b>COLUMBIA</b>      | 651   | Balance of County     | 389   |
| Rice Lake (C)      | 99            | Columbus (C)         | 52    |                       |       |
| Rice Lake (T)      | 20            | Lodi (C)             | 48    | <b>DOOR</b>           | 262   |
| Balance of County  | 306           | Lodi (T)             | 34    | Sevastopol (T)        | 16    |
|                    |               | Pacific (T)          | 22    | Sturgeon Bay (C)      | 115   |
| <b>BAYFIELD</b>    | 135           | Portage (C)          | 134   | Balance of County     | 131   |
|                    |               | Balance of County    | 361   |                       |       |
| <b>BROWN</b>       | 3,232         |                      |       | <b>DOUGLAS</b>        | 513   |
| Allouez (V)        | 145           | <b>CRAWFORD</b>      | 199   | Superior (C)          | 325   |
| Ashwaubenon (V)    | 130           | Prairie du Chien (C) | 85    | Balance of County     | 188   |
| Bellevue (T)       | 130           | Balance of County    | 114   |                       |       |
| De Pere (C)        | 330           |                      |       | <b>DUNN</b>           | 445   |
| Green Bay (C)      | 1,802         | <b>DANE</b>          | 5,520 | Menomonie (C)         | 153   |
| Hobart (T)         | 50            | Bristol (T)          | 25    | Menomonie (T)         | 33    |
| Howard (V)         | 158           | Burke (T)            | 27    | Balance of County     | 259   |
| Ledgeview (T)      | 26            | Cottage Grove (V)    | 91    |                       |       |
| Pulaski (V) (Pt.)  | 45            | Cottage Grove (T)    | 27    | <b>EAU CLAIRE</b>     | 1,146 |
| Scott (T)          | 39            | Cross Plains (V)     | 51    | Altoona (C)           | 78    |
| Suamico (T)        | 90            | De Forest (V)        | 131   | Eau Claire (C) (Pt.)  | 776   |
| Balance of County  | 287           | Dunn (T)             | 26    | Pleasant Valley (T)   | 26    |
|                    |               | Fitchburg (C)        | 159   | Seymour (T)           | 28    |
| <b>BUFFALO</b>     | 143           | Madison (C)          | 3,000 | Washington (T)        | 39    |
| Mondovi (C)        | 35            | Madison (T)          | 22    | Balance of County     | 199   |
| Balance of County  | 108           | Marshall (V)         | 49    |                       |       |
|                    |               | McFarland (V)        | 88    | <b>FLORENCE</b>       | 40    |
| <b>BURNETT</b>     | 155           | Middleton (C)        | 159   |                       |       |
|                    |               | Middleton (T)        | 26    | <b>FOND DU LAC</b>    | 1,091 |
| <b>CALUMET</b>     | 597           | Monona (C)           | 55    | Empire (T)            | 23    |
| Appleton (C) (Pt.) | 161           | Mount Horeb (V)      | 96    | Fond du Lac (C)       | 598   |
| Brillion (C)       | 40            | Oregon (T)           | 33    | North Fond du Lac (V) | 49    |
| Chilton (C)        | 57            | Oregon (V)           | 116   | Ripon (C)             | 74    |
| Harrison (T)       | 97            | Pleasant Springs (T) | 25    | Taycheedah (T)        | 31    |
| Kiel (C) (Pt.)     | 7             | Springfield (T)      | 19    | Waupun (C) (Pt.)      | 33    |
| Menasha (C) (Pt.)  | 22            | Stoughton (C)        | 188   | Balance of County     | 283   |
| New Holstein (C)   | 39            | Sun Prairie (C)      | 404   |                       |       |
| Balance of County  | 174           | Verona (C)           | 97    | <b>FOREST</b>         | 100   |
|                    |               | Waunakee (V)         | 117   |                       |       |

\* Sum of incorporated places having a population of 2,500 or more according to the United States Census 2000.

(Continued)

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2001**

|                       |       |                      |       |                     |        |
|-----------------------|-------|----------------------|-------|---------------------|--------|
| <b>GRANT</b>          | 547   | Salem (T)            | 60    | Balance of County   | 655    |
| Boscobel (C)          | 42    | Somers (T)           | 24    |                     |        |
| Lancaster (C)         | 61    | Twin Lakes (V)       | 71    | <b>MARINETTE</b>    | 386    |
| Platteville (C)       | 97    | Wheatland (T)        | 29    | Marinette (C)       | 154    |
| Balance of County     | 347   | Balance of County    | 35    | Peshtigo (C)        | 27     |
|                       |       |                      |       | Peshtigo (T)        | 37     |
| <b>GREEN</b>          | 397   | <b>KEWAUNEE</b>      | 243   | Stephenson (T)      | 8      |
| Brodhead (C)          | 49    | Algoma (C)           | 39    | Balance of County   | 160    |
| Monroe (C)            | 135   | Kewaunee (C)         | 31    |                     |        |
| Balance of County     | 213   | Balance of County    | 173   | <b>MARQUETTE</b>    | 162    |
|                       |       |                      |       | Balance of County   | 162    |
| <b>GREEN LAKE</b>     | 230   | <b>LA CROSSE</b>     | 1,260 |                     |        |
| Berlin (C) (Pt.)      | 72    | Campbell (T)         | 17    | <b>MENOMINEE</b>    | 93     |
| Balance of County     | 158   | Holland (T)          | 31    | Menominee (T)       | 93     |
|                       |       | Holmen (V)           | 133   |                     |        |
| <b>IOWA</b>           | 310   | La Crosse (C)        | 588   | <b>MILWAUKEE</b>    | 14,727 |
| Dodgeville (C)        | 71    | Onalaska (C)         | 206   | Bayside (V)(Pt.)    | 32     |
| Mineral Point (C)     | 30    | Onalaska (T)         | 55    | Brown Deer (V)      | 120    |
| Balance of County     | 209   | Shelby (T)           | 29    | Cudahy (C)          | 225    |
|                       |       | West Salem (V)       | 70    | Fox Point (V)       | 61     |
| <b>IRON</b>           | 48    | Balance of County    | 131   | Franklin (C)        | 291    |
|                       |       |                      |       | Glendale (C)        | 118    |
| <b>JACKSON</b>        | 205   | <b>LAFAYETTE</b>     | 200   | Greendale (V)       | 128    |
| Black River Falls (C) | 63    |                      |       | Greenfield (C)      | 319    |
| Brockway (T)          | 25    | <b>LANGLADE</b>      | 213   | Hales Corners (V)   | 70     |
| Balance of County     | 117   | Antigo (C)           | 131   | Milwaukee (C) (Pt.) | 11,198 |
|                       |       | Balance of County    | 82    | Oak Creek (C)       | 362    |
| <b>JEFFERSON</b>      | 914   |                      |       | Shorewood (V)       | 111    |
| Ft. Atkinson (C)      | 147   | <b>LINCOLN</b>       | 329   | South Milwaukee (C) | 241    |
| Ixonia (T)            | 34    | Bradley (T)          | 15    | St. Francis (C)     | 81     |
| Jefferson (C)         | 104   | Merrill (C)          | 173   | Wauwatosa (C)       | 533    |
| Jefferson (T)         | 24    | Merrill (T)          | 18    | West Allis (C)      | 627    |
| Koshkonong (T)        | 20    | Tomahawk (C)         | 48    | West Milwaukee (V)  | 28     |
| Lake Mills (C)        | 73    | Balance of County    | 75    | Whitefish Bay (V)   | 174    |
| Oakland (T)           | 19    |                      |       | Balance of County   | 8      |
| Waterloo (C)          | 44    | <b>MANITOWOC</b>     | 908   |                     |        |
| Watertown (C) (Pt.)   | 205   | Kiel (C) (Pt.)       | 40    | <b>MONROE</b>       | 593    |
| Whitewater (C) (Pt.)  | 17    | Manitowoc (C)        | 452   | Sparta (C)          | 146    |
| Balance of County     | 227   | Manitowoc Rapids     | 9     | Sparta (T)          | 18     |
|                       |       | Two Rivers (C)       | 120   | Tomah (C)           | 147    |
| <b>JUNEAU</b>         | 252   | Balance of County    | 287   | Balance of County   | 282    |
| Mauston (C)           | 53    |                      |       |                     |        |
| Balance of County     | 199   | <b>MARATHON</b>      | 1,534 | <b>OCONTO</b>       | 392    |
|                       |       | Kronenwetter (T)     | 49    | Little Suamico (T)  | 51     |
| <b>KENOSHA</b>        | 2,119 | Marshfield (C) (Pt.) | 8     | Oconto (C)          | 74     |
| Bristol (T)           | 22    | Mosinee (C)          | 80    | Oconto Falls (C)    | 36     |
| Kenosha (C)           | 1,729 | Rib Mountain (T)     | 37    | Pulaski (V) (Pt.)   | 2      |
| Paddock Lake (V)      | 11    | Rothschild (V)       | 45    | Balance of County   | 229    |
| Pleasant Prairie (V)  | 123   | Wausau (C)           | 566   |                     |        |
| Randall (T)           | 15    | Weston (V)           | 94    |                     |        |

(Continued)

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2001**

|                       |       |                      |       |                       |       |
|-----------------------|-------|----------------------|-------|-----------------------|-------|
| <b>ONEIDA</b>         | 278   | Amery (C)            | 51    | <b>RUSK</b>           | 185   |
| Minocqua (T)          | 32    | Balance of County    | 437   | Ladysmith (C)         | 49    |
| Newbold (T)           | 13    |                      |       | Balance of County     | 136   |
| Pelican (T)           | 15    | <b>PORTAGE</b>       | 743   |                       |       |
| Pine Lake (T)         | 17    | Hull (T)             | 34    | <b>ST.CROIX</b>       | 912   |
| Rhineland (C)         | 90    | Plover (V)           | 166   | Baldwin (V)           | 43    |
| Balance of County     | 111   | Stevens Point (C)    | 315   | Hudson (C)            | 246   |
|                       |       | Stockton (T)         | 18    | Hudson (T)            | 64    |
| <b>OUTAGAMIE</b>      | 2,244 | Balance of County    | 210   | New Richmond (C)      | 131   |
| Appleton (C) (Pt.)    | 1,037 |                      |       | North Hudson (V)      | 15    |
| Buchanan (T)          | 89    | <b>PRICE</b>         | 139   | River Falls (C) (Pt.) | 42    |
| Center (T)            | 24    | Park Falls (C)       | 27    | Somerset (T)          | 43    |
| Ellington (T)         | 27    | Balance of County    | 112   | St. Joseph (T)        | 22    |
| Freedom (T)           | 67    |                      |       | Star Prairie (T)      | 33    |
| Grand Chute (T)       | 97    | <b>RACINE</b>        | 2,581 | Troy (T)              | 19    |
| Greenville (T)        | 91    | Burlington (C) (Pt.) | 158   | Balance of County     | 254   |
| Kaukauna (C)          | 199   | Burlington (T)       | 70    |                       |       |
| Kimberly (V)          | 99    | Caledonia (T)        | 135   | <b>SAUK</b>           | 701   |
| Little Chute (V)      | 127   | Dover (T)            | 20    | Baraboo (C)           | 183   |
| New London (C) (Pt.)  | 31    | Mt. Pleasant (T)     | 86    | Prairie du Sac (V)    | 43    |
| Oneida (T)            | 53    | Norway (T)           | 62    | Reedsburg (C)         | 126   |
| Seymour (C)           | 41    | Racine (C)           | 1,710 | Sauk City (V)         | 42    |
| Balance of County     | 262   | Raymond (T)          | 27    | Balance of County     | 307   |
|                       |       | Sturtevant (V)       | 51    |                       |       |
| <b>OZAUKEE</b>        | 867   | Union Grove (V)      | 75    | <b>SAWYER</b>         | 182   |
| Cedarburg (C)         | 109   | Waterford (T)        | 75    | Hayward (T)           | 43    |
| Cedarburg (T)         | 48    | Waterford (V)        | 62    | Balance of County     | 139   |
| Fredonia (T)          | 18    | Yorkville (T)        | 15    |                       |       |
| Grafton (T)           | 38    | Balance of County    | 35    | <b>SHAWANO</b>        | 462   |
| Grafton (V)           | 128   |                      |       | Pulaski (V) (Pt.)     | 1     |
| Mequon (C)            | 174   | <b>RICHLAND</b>      | 204   | Shawano (C)           | 110   |
| Port Washington (C)   | 153   | Richland Center (C)  | 79    | Wescott (T)           | 38    |
| Saukville (V)         | 53    | Balance of County    | 125   | Balance of County     | 313   |
| Thiensville (V)       | 33    |                      |       |                       |       |
| Balance of County     | 113   | <b>ROCK</b>          | 2,028 | <b>SHEBOYGAN</b>      | 1,339 |
|                       |       | Beloit (C)           | 582   | Greenbush (T)         | 9     |
| <b>PEPIN</b>          | 88    | Beloit (T)           | 41    | Howards Grove (V)     | 28    |
|                       |       | Edgerton (C)         | 81    | Lima (T)              | 22    |
| <b>PIERCE</b>         | 383   | Evansville (C)       | 77    | Oostburg (V)          | 50    |
| Ellsworth (V)         | 23    | Fulton (T)           | 18    | Plymouth (C)          | 85    |
| Prescott (C)          | 63    | Janesville (C)       | 920   | Plymouth (T)          | 22    |
| River Falls (C) (Pt.) | 98    | Janesville (T)       | 16    | Sheboygan (C)         | 735   |
| Balance of County     | 199   | Milton (C)           | 83    | Sheboygan (T)         | 56    |
|                       |       | Milton (T)           | 21    | Sheboygan Falls (C)   | 83    |
| <b>POLK</b>           | 508   | Rock (T)             | 6     | Wilson (T)            | 15    |
| Alden (T)             | 20    | Balance of County    | 174   | Balance of            | 227   |

(Continued)

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2001**

|                      |       |                     |       |                      |       |
|----------------------|-------|---------------------|-------|----------------------|-------|
| <b>TAYLOR</b>        | 246   | Erin (T)            | 42    | Vernon (T)           | 45    |
| Medford (C)          | 66    | Farmington (T)      | 30    | Wales (V)            | 28    |
| Balance of County    | 180   | Germantown (V)      | 199   | Waukesha (C)         | 1,107 |
|                      |       | Hartford (C)        | 177   | Waukesha (T)         | 75    |
| <b>TREMPEALEAU</b>   | 330   | Hartford (T)        | 28    | Balance of County    | 198   |
|                      |       | Jackson (T)         | 45    |                      |       |
| <b>VERNON</b>        | 377   | Jackson (V)         | 80    | <b>WAUPACA</b>       | 602   |
| Viroqua (C)          | 44    | Kewaskum (V)        | 60    | Clintonville (C)     | 88    |
| Balance of County    | 333   | Polk (T)            | 21    | Dayton (T)           | 24    |
|                      |       | Richfield (T)       | 86    | Farmington (T)       | 26    |
| <b>VILAS</b>         | 194   | Slinger (V)         | 59    | Mukwa (T)            | 11    |
| Arbor Vitae (T)      | 23    | Trenton (T)         | 33    | New London (C) (Pt.) | 110   |
| Lac du Flambeau (T)  | 51    | West Bend (C)       | 450   | Waupaca (C)          | 98    |
| Lincoln (T)          | 12    | West Bend (T)       | 47    | Balance of County    | 245   |
| Balance of County    | 108   | Balance of County   | 75    |                      |       |
|                      |       |                     |       | <b>WAUSHARA</b>      | 232   |
| <b>WALWORTH</b>      | 1,136 | <b>WAUKESHA</b>     | 4,421 | Berlin (C) (Pt.)     | 3     |
| Bloomfield (T)       | 52    | Brookfield (C)      | 275   | Balance of County    | 229   |
| Burlington (C) (Pt.) | 12    | Brookfield (T)      | 73    |                      |       |
| Delavan (C)          | 186   | Delafield (C)       | 66    | <b>WINNEBAGO</b>     | 1,851 |
| Delavan (T)          | 46    | Delafield (T)       | 61    | Algoma (T)           | 41    |
| East Troy (T)        | 48    | Eagle (T)           | 40    | Appleton (C) (Pt.)   | 34    |
| East Troy (V)        | 61    | Elm Grove (V)       | 39    | Clayton (T)          | 21    |
| Elkhorn (C)          | 141   | Genesee (T)         | 49    | Menasha (C) (Pt.)    | 214   |
| Geneva (T)           | 23    | Hartland (V)        | 146   | Menasha (T)          | 155   |
| Lake Geneva (C)      | 155   | Lisbon (T)          | 76    | Neenah (C)           | 416   |
| Lyons (T)            | 29    | Menomonee Falls (V) | 385   | Neenah (T)           | 23    |
| Mukwonago (V) (Pt.)  | 1     | Merton (T)          | 51    | Omro (C)             | 40    |
| Sugar Creek (T)      | 27    | Mukwonago (T)       | 99    | Oshkosh (C)          | 758   |
| Whitewater (C) (Pt.) | 84    | Mukwonago (V)       | 103   | Oshkosh (T)          | 8     |
| Balance of County    | 271   | Muskego (C)         | 240   | Balance of County    | 141   |
|                      |       | New Berlin (C)      | 470   |                      |       |
| <b>WASHBURN</b>      | 156   | Oconomowoc (C)      | 199   | <b>WOOD</b>          | 891   |
| Spooner (C)          | 26    | Oconomowoc (T)      | 69    | Grand Rapids (T)     | 38    |
| Balance of County    | 130   | Ottawa (T)          | 17    | Marshfield (C) (Pt.) | 220   |
|                      |       | Pewaukee (C)        | 135   | Nekoosa (C)          | 49    |
| <b>WASHINGTON</b>    | 1,484 | Pewaukee (V)        | 151   | Saratoga (T)         | 29    |
| Addison (T)          | 39    | Summit (T)          | 35    | Wisconsin Rapids (C) | 308   |
| Barton (T)           | 13    | Sussex (V)          | 189   | Balance of County    | 247   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Minor civil divisions are City (C), Village (V), Township (T). Places located in more than one county are indicated by (Pt.) (an abbreviation of "Part").

**Table 4. Births by County, City and Hospital of Occurrence, Wisconsin 2001**

| County      | City              | Hospital                                | Births |
|-------------|-------------------|---|--------|
| Ashland     | Ashland           | Memorial Medical Center                 | 315    |
| Barron      | Cumberland        | Cumberland Memorial Hospital            | 87     |
|             | Rice Lake         | Lakeview Medical Center                 | 410    |
|             | Barron            | Barron Memorial Medical Center          | 84     |
| Brown       | Green Bay         | Aurora BayCare Medical Center           | 53     |
|             | Green Bay         | Bellin Health System                    | 1,999  |
|             | Green Bay         | St. Mary's Hospital Medical Center      | 495    |
|             | Green Bay         | St. Vincent Hospital                    | 1,614  |
| Burnett     | Grantsburg        | Burnett Medical Center, Inc.            | 43     |
| Chippewa    | Chippewa Falls    | St. Joseph's Hospital                   | 439    |
| Clark       | Neillsville       | Memorial Hospital, Inc.                 | 33     |
| Columbia    | Columbus          | Columbus Community Hospital, Inc.       | 123    |
|             | Portage           | Divine Savior Healthcare                | 232    |
| Crawford    | Prairie du Chien  | Prairie du Chien Memorial Hospital      | 192    |
| Dane        | Madison           | Meriter Hospital, Inc.                  | 3,537  |
|             | Madison           | St. Mary's Hospital Medical Center      | 3,068  |
| Dodge       | Beaver Dam        | Beaver Dam Community Hospitals-Hillside | 390    |
|             | Watertown         | Watertown Memorial Hospital             | 282    |
|             | Waupun            | Waupun Memorial Hospital                | 79     |
| Door        | Sturgeon Bay      | Door County Memorial Hospital           | 190    |
| Dunn        | Menomonie         | Myrtle Werth Hospital                   | 253    |
| Eau Claire  | Eau Claire        | Luther Hospital                         | 695    |
|             | Eau Claire        | Sacred Heart Hospital                   | 1,102  |
| Fond du Lac | Fond du Lac       | St. Agnes Hospital                      | 981    |
|             | Ripon             | Ripon Medical Center                    | 60     |
| Grant       | Boscobel          | Boscobel Area Health Care               | 53     |
|             | Lancaster         | Grant Regional Health Center, Inc.      | 110    |
|             | Platteville       | Southwest Health Center, Inc.           | 147    |
| Green       | Monroe            | St. Clare Hospital/The Monroe Clinic    | 404    |
| Green Lake  | Berlin            | Berlin Memorial Hospital                | 231    |
| Iowa        | Dodgeville        | Upland Hills Health, Inc.               | 270    |
| Jackson     | Black River Falls | Black River Memorial Hospital           | 140    |
| Jefferson   | Ft. Atkinson      | Ft Atkinson Memorial Health Services    | 435    |
| Juneau      | Mauston           | Hess Memorial Hospital                  | 218    |
| Kenosha     | Kenosha           | Aurora Medical Center                   | 808    |
|             | Kenosha           | Kenosha Hospital and Medical Center     | 913    |
| La Crosse   | La Crosse         | Gundersen Lutheran Medical Center       | 1,568  |
|             | La Crosse         | Franciscan Skemp Healthcare             | 686    |
| Lafayette   | Darlington        | Memorial Hospital of Lafayette County   | 41     |
| Langlade    | Antigo            | Langlade Memorial Hospital              | 214    |
| Lincoln     | Merrill           | Good Samaritan Health Center            | 138    |
| Manitowoc   | Manitowoc         | Holy Family Memorial Medical Center     | 436    |
|             | Two Rivers        | Aurora Medical Center                   | 299    |
| Marathon    | Wausau            | Community Health Care-Wausau Hospital   | 1,412  |
| Marinette   | Marinette         | Bay Area Medical Center                 | 436    |
| Milwaukee   | Milwaukee         | The Columbia Center                     | 922    |
|             | Milwaukee         | Aurora Sinai Medical Center, Inc.       | 2,775  |
|             | Milwaukee         | St. Francis Hospital                    | 1,311  |
|             | Milwaukee         | St. Joseph's Hospital – Milwaukee       | 3,790  |
|             | Milwaukee         | St. Luke's Medical Center               | 1,574  |
|             | Milwaukee         | St. Mary's Hospital – Milwaukee         | 2,831  |
|             | Milwaukee         | St. Michael Hospital                    | 731    |
|             | Wauwatosa         | Froedtert Memorial Lutheran Hospital    | 1,281  |
|             | West Allis        | West Allis Memorial Hospital            | 903    |

(Continued)

**Table 4. Births by County, City and Hospital of Occurrence, Wisconsin 2001**

| County      | City             | Hospital   | Births |
|-------------|------------------|--|--------|
| Monroe      | Sparta           | Franciscan Skemp Healthcare – Sparta               | 71     |
|             | Tomah            | Tomah Memorial Hospital, Inc.                      | 260    |
| Oconto      | Oconto Falls     | Community Memorial Hospital                        | 58     |
| Oneida      | Rhineland        | Sacred Heart-St. Mary's Hospital, Inc.             | 335    |
|             | Woodruff         | Howard Young Medical Center, Inc.                  | 332    |
| Outagamie   | Appleton         | Appleton Medical Center                            | 1,179  |
|             | Appleton         | St. Elizabeth Hospital                             | 1,580  |
|             | New London       | New London Family Medical Center                   | 140    |
| Ozaukee     | Ozaukee          | St. Mary's Hospital – Ozaukee                      | 858    |
| Pepin       | Durand           | Chippewa Valley Hospital                           | 15     |
| Polk        | Amery            | Amery Regional Medical Center                      | 131    |
|             | Osceola          | Osceola Medical Center                             | 96     |
|             | St. Croix        | St. Croix Regional Medical Center                  | 317    |
| Portage     | Stevens Point    | St. Michael's Hospital                             | 694    |
| Price       | Park Falls       | Flambeau Hospital, Inc.                            | 91     |
| Racine      | Burlington       | Memorial Hospital of Burlington                    | 427    |
|             | Racine           | St. Luke's Memorial Hospital                       | 1,862  |
| Richland    | Richland Center  | The Richland Hospital, Inc.                        | 170    |
| Rock        | Beloit           | Beloit Memorial Hospital, Inc.                     | 691    |
|             | Janesville       | Mercy Health System                                | 1,292  |
| Rusk        | Ladysmith        | Rusk County Memorial Hospital                      | 106    |
| Sauk        | Baraboo          | St. Clare Hospital and Health Services             | 307    |
|             | Prairie du Sac   | Sauk Prairie Memorial Hospital                     | 228    |
|             | Reedsburg        | Reedsburg Area Medical Center                      | 199    |
|             | Hayward          | Hayward Area Memorial Hospital                     | 157    |
| Shawano     | Shawano          | Shawano Medical Center                             | 372    |
| Sheboygan   | Plymouth         | Aurora Medical Center-Valley View                  | 157    |
|             | Sheboygan        | Sheboygan Memorial Medical Center                  | 880    |
|             | Sheboygan        | St. Nicholas Hospital                              | 383    |
| St. Croix   | Baldwin          | Baldwin Area Medical Center                        | 96     |
|             | Hudson           | Hudson Hospital                                    | 197    |
|             | New Richmond     | Holy Family Hospital                               | 138    |
|             | River Falls      | River Falls Area Hospital                          | 229    |
| Taylor      | Medford          | Memorial Health Center, Inc.                       | 171    |
| Trempealeau | Arcadia          | Franciscan Skemp Healthcare – Arcadia              | 58     |
| Vernon      | Hillsboro        | St. Joseph's Community Health Services, Inc.       | 6      |
|             | Viroqua          | Vernon Memorial Hospital                           | 193    |
| Walworth    | Elkhorn          | Lakeland Medical Center, Inc.                      | 692    |
| Washburn    | Shell Lake       | Indianhead Medical Center, Inc.                    | 26     |
|             | Spooner          | Spooner Health System                              | 78     |
| Washington  | Hartford         | Aurora Medical Center of Washington County         | 297    |
|             | West Bend        | St. Joseph's Community Hospital of West Bend, Inc. | 728    |
| Waukesha    | Brookfield       | Elmbrook Memorial Hospital                         | 840    |
|             | Menomonee Falls  | Community Memorial Hospital                        | 846    |
|             | Oconomowoc       | Oconomowoc Memorial Hospital                       | 712    |
|             | Waukesha         | Waukesha Memorial Hospital, Inc.                   | 2,330  |
| Waupaca     | Waupaca          | Riverside Medical Center                           | 274    |
| Winnebago   | Neenah           | Theda Clark Regional Medical Center                | 1,052  |
|             | Oshkosh          | Mercy Medical Center                               | 1,103  |
| Wood        | Marshfield       | St. Joseph's Hospital                              | 1,234  |
|             | Wisconsin Rapids | Riverview Hospital Association                     | 523    |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: Number shown includes all births that occurred at the hospital, including births to women who were not Wisconsin residents.

**Table 5. Home Births by County of Birth, Wisconsin 2001**

| County of Birth | Number of Births | County Of Birth | Number of Births |
|-----------------|------------------|-----------------|------------------|
| Adams           | 2                | Marathon        | 36               |
| Ashland         | 3                | Marinette       | 5                |
| Barron          | 14               | Marquette       | 15               |
| Bayfield        | 4                | Menominee       | -                |
| Brown           | 13               | Milwaukee       | 49               |
| Buffalo         | -                | Monroe          | 57               |
| Burnett         | -                | Oconto          | 4                |
| Calumet         | 5                | Oneida          | 6                |
| Chippewa        | 9                | Outagamie       | 12               |
| Clark           | 147              | Ozaukee         | 2                |
| Columbia        | 20               | Pepin           | 36               |
| Crawford        | 5                | Pierce          | -                |
| Dane            | 32               | Polk            | 6                |
| Dodge           | 4                | Portage         | 9                |
| Door            | 5                | Price           | -                |
| Douglas         | 2                | Racine          | 6                |
| Dunn            | 7                | Richland        | 7                |
| Eau Claire      | 39               | Rock            | 12               |
| Florence        | -                | Rusk            | 9                |
| Fond du Lac     | 6                | St. Croix       | 5                |
| Forest          | -                | Sauk            | 13               |
| Grant           | 21               | Sawyer          | 3                |
| Green           | 4                | Shawano         | 10               |
| Green Lake      | 24               | Sheboygan       | 15               |
| Iowa            | 4                | Taylor          | 24               |
| Iron            | 1                | Trempealeau     | 4                |
| Jackson         | 7                | Vernon          | 61               |
| Jefferson       | 3                | Vilas           | 1                |
| Juneau          | 1                | Walworth        | 8                |
| Kenosha         | 12               | Washburn        | 3                |
| Kewaunee        | 4                | Washington      | 16               |
| La Crosse       | 1                | Waukesha        | 17               |
| Lafayette       | 11               | Waupaca         | 15               |
| Langlade        | -                | Waushara        | 11               |
| Lincoln         | 3                | Winnebago       | 3                |
| Manitowoc       | 2                | Wood            | 5                |
|                 |                  | <b>Total</b>    | <b>902</b>       |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: This table shows the number of Wisconsin resident births in 2001 that occurred at home by the county in which the birth occurred. (The county in which the home birth occurred is not always the residence of the mother.) In Vernon County, 53 deliveries took place at a clinic; these births are not included in either the hospital or the home birth totals shown. Almost all births (68,050 or 99 percent) occurred in hospitals.  
A dash (-) indicates there were no home births in that county.  
Included in the totals are 2 home births for which county was not reported.

**Table 6a. Number of Births by Age of Mother and County of Residence, Wisconsin 2001**

| County       | Total         | < 15      | 15-17        | 18-19        | 20-24         | 25-29         | 30-34         | 35-39        | 40-44        | 45+       |
|--------------|---------------|-----------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|-----------|
| <b>Total</b> | <b>69,012</b> | <b>80</b> | <b>2,167</b> | <b>4,602</b> | <b>15,951</b> | <b>19,176</b> | <b>17,745</b> | <b>7,737</b> | <b>1,480</b> | <b>72</b> |
| Adams        | 179           | -         | 8            | 15           | 54            | 45            | 44            | 12           | 1            | -         |
| Ashland      | 190           | -         | 2            | 17           | 64            | 41            | 40            | 18           | 8            | -         |
| Barron       | 472           | 2         | 12           | 41           | 152           | 144           | 88            | 25           | 8            | -         |
| Bayfield     | 135           | -         | 5            | 9            | 28            | 40            | 35            | 12           | 3            | 3         |
| Brown        | 3,232         | 2         | 103          | 185          | 677           | 959           | 865           | 385          | 53           | 3         |
| Buffalo      | 143           | -         | 4            | 8            | 32            | 45            | 28            | 22           | 3            | 1         |
| Burnett      | 155           | -         | 4            | 19           | 58            | 38            | 21            | 15           | -            | -         |
| Calumet      | 597           | -         | 10           | 23           | 94            | 189           | 193           | 75           | 12           | 1         |
| Chippewa     | 672           | -         | 18           | 50           | 197           | 191           | 153           | 47           | 15           | -         |
| Clark        | 518           | -         | 7            | 29           | 131           | 166           | 121           | 55           | 9            | -         |
| Columbia     | 651           | 1         | 10           | 31           | 148           | 195           | 165           | 81           | 19           | 1         |
| Crawford     | 199           | -         | 3            | 19           | 57            | 54            | 43            | 13           | 10           | -         |
| Dane         | 5,520         | 1         | 119          | 238          | 951           | 1,498         | 1,760         | 763          | 184          | 6         |
| Dodge        | 926           | 1         | 22           | 57           | 237           | 284           | 225           | 84           | 16           | -         |
| Door         | 262           | -         | 4            | 17           | 48            | 75            | 72            | 39           | 7            | -         |
| Douglas      | 513           | -         | 18           | 35           | 145           | 139           | 119           | 49           | 8            | -         |
| Dunn         | 445           | 1         | 8            | 31           | 119           | 138           | 110           | 30           | 6            | 2         |
| Eau Claire   | 1,146         | -         | 18           | 73           | 287           | 363           | 278           | 102          | 24           | 1         |
| Florence     | 40            | -         | -            | 1            | 12            | 9             | 10            | 8            | -            | -         |
| Fond du Lac  | 1,091         | -         | 33           | 69           | 274           | 318           | 274           | 100          | 22           | 1         |
| Forest       | 100           | -         | 4            | 13           | 31            | 28            | 16            | 7            | 1            | -         |
| Grant        | 547           | -         | 11           | 26           | 139           | 167           | 129           | 63           | 11           | 1         |
| Green        | 397           | -         | 10           | 21           | 98            | 109           | 104           | 40           | 15           | -         |
| Green Lake   | 230           | -         | 8            | 10           | 63            | 68            | 49            | 29           | 2            | 1         |
| Iowa         | 310           | 1         | -            | 18           | 63            | 102           | 89            | 32           | 5            | -         |
| Iron         | 48            | -         | -            | 1            | 7             | 17            | 15            | 4            | 3            | 1         |
| Jackson      | 205           | -         | 4            | 17           | 57            | 61            | 37            | 23           | 4            | 2         |
| Jefferson    | 914           | 1         | 21           | 48           | 202           | 289           | 231           | 110          | 10           | 2         |
| Juneau       | 252           | -         | 12           | 22           | 72            | 71            | 46            | 20           | 8            | 1         |
| Kenosha      | 2,119         | 2         | 71           | 149          | 481           | 578           | 535           | 251          | 48           | 4         |
| Kewaunee     | 243           | -         | 6            | 7            | 56            | 74            | 72            | 24           | 4            | -         |
| La Crosse    | 1,260         | -         | 35           | 70           | 271           | 368           | 344           | 144          | 27           | 1         |
| Lafayette    | 200           | -         | 3            | 17           | 47            | 54            | 42            | 32           | 4            | 1         |
| Langlade     | 213           | -         | 9            | 21           | 59            | 68            | 38            | 16           | 2            | -         |
| Lincoln      | 329           | -         | 7            | 20           | 105           | 100           | 62            | 28           | 7            | -         |
| Manitowoc    | 908           | -         | 28           | 52           | 218           | 274           | 217           | 109          | 9            | 1         |
| Marathon     | 1,534         | 1         | 40           | 78           | 363           | 468           | 378           | 166          | 37           | 3         |
| Marinette    | 386           | -         | 15           | 34           | 111           | 117           | 77            | 29           | 2            | 1         |
| Marquette    | 162           | 1         | 4            | 26           | 38            | 39            | 36            | 16           | 2            | -         |
| Menominee    | 93            | 1         | 13           | 13           | 36            | 14            | 10            | 5            | 1            | -         |
| Milwaukee    | 14,727        | 56        | 869          | 1,401        | 4,008         | 3,664         | 3,065         | 1,377        | 270          | 17        |
| Monroe       | 593           | 1         | 14           | 41           | 173           | 173           | 129           | 49           | 11           | 2         |

(Continued)

**Table 6a. Number of Births by Age of Mother and County of Residence, Wisconsin 2001**

| County      | Total | < 15 | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ |
|-------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|
| Oconto      | 392   | -    | 12    | 20    | 101   | 127   | 92    | 37    | 3     | -   |
| Oneida      | 278   | -    | 6     | 22    | 59    | 81    | 68    | 34    | 8     | -   |
| Outagamie   | 2,244 | -    | 36    | 125   | 424   | 686   | 692   | 246   | 34    | 1   |
| Ozaukee     | 867   | -    | 2     | 25    | 100   | 213   | 317   | 177   | 33    | -   |
| Pepin       | 88    | -    | 3     | 5     | 16    | 34    | 18    | 7     | 5     | -   |
| Pierce      | 383   | -    | 3     | 16    | 71    | 136   | 109   | 36    | 12    | -   |
| Polk        | 508   | -    | 9     | 37    | 128   | 137   | 134   | 50    | 13    | -   |
| Portage     | 743   | -    | 20    | 48    | 176   | 207   | 186   | 94    | 12    | -   |
| Price       | 139   | -    | 1     | 8     | 38    | 49    | 29    | 11    | 3     | -   |
| Racine      | 2,581 | 1    | 111   | 179   | 656   | 701   | 615   | 268   | 50    | -   |
| Richland    | 204   | -    | 3     | 19    | 54    | 56    | 50    | 19    | 3     | -   |
| Rock        | 2,028 | 3    | 77    | 193   | 518   | 595   | 439   | 175   | 28    | -   |
| Rusk        | 185   | -    | 9     | 12    | 55    | 54    | 36    | 15    | 3     | 1   |
| St. Croix   | 912   | -    | 14    | 32    | 159   | 299   | 260   | 126   | 22    | -   |
| Sauk        | 701   | -    | 16    | 59    | 155   | 221   | 171   | 67    | 12    | -   |
| Sawyer      | 182   | 1    | 7     | 24    | 60    | 51    | 21    | 12    | 6     | -   |
| Shawano     | 462   | -    | 15    | 28    | 126   | 134   | 100   | 50    | 9     | -   |
| Sheboygan   | 1,339 | -    | 39    | 99    | 353   | 366   | 318   | 126   | 37    | 1   |
| Taylor      | 246   | -    | 3     | 17    | 66    | 77    | 55    | 21    | 6     | 1   |
| Trempealeau | 330   | -    | 5     | 24    | 85    | 88    | 87    | 34    | 7     | -   |
| Vernon      | 377   | -    | 9     | 12    | 82    | 106   | 101   | 49    | 16    | 2   |
| Vilas       | 194   | -    | 2     | 18    | 45    | 46    | 53    | 24    | 6     | -   |
| Walworth    | 1,136 | -    | 30    | 84    | 255   | 314   | 301   | 124   | 25    | 3   |
| Washburn    | 156   | -    | 5     | 17    | 43    | 46    | 31    | 10    | 4     | -   |
| Washington  | 1,484 | -    | 21    | 55    | 237   | 407   | 480   | 243   | 39    | 2   |
| Waukesha    | 4,421 | 1    | 37    | 108   | 512   | 1,109 | 1,687 | 834   | 129   | 4   |
| Waupaca     | 602   | -    | 13    | 40    | 182   | 161   | 138   | 57    | 11    | -   |
| Waushara    | 232   | 1    | 8     | 25    | 69    | 52    | 57    | 13    | 7     | -   |
| Winnebago   | 1,851 | -    | 34    | 107   | 427   | 520   | 535   | 199   | 29    | -   |
| Wood        | 891   | 1    | 25    | 72    | 236   | 269   | 200   | 70    | 17    | -   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 2 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table 6b. Percent of Births by Age of Mother and County of Residence, Wisconsin 2001**

| County       | Total         | <15         | 15-17       | 18-19       | 20-24        | 25-29        | 30-34        | 35-39        | 40-44       | 45+         |
|--------------|---------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|
| <b>Total</b> | <b>69,012</b> | <b>0.1%</b> | <b>3.1%</b> | <b>6.7%</b> | <b>23.1%</b> | <b>27.8%</b> | <b>25.7%</b> | <b>11.2%</b> | <b>2.1%</b> | <b>0.1%</b> |
| Adams        | 179           | -           | 4.5         | 8.4         | 30.2         | 25.1         | 24.6         | 6.7          | 0.6         | -           |
| Ashland      | 190           | -           | 1.1         | 8.9         | 33.7         | 21.6         | 21.1         | 9.5          | 4.2         | -           |
| Barron       | 472           | 0.4         | 2.5         | 8.7         | 32.2         | 30.5         | 18.6         | 5.3          | 1.7         | -           |
| Bayfield     | 135           | -           | 3.7         | 6.7         | 20.7         | 29.6         | 25.9         | 8.9          | 2.2         | 2.2         |
| Brown        | 3,232         | 0.1         | 3.2         | 5.7         | 20.9         | 29.7         | 26.8         | 11.9         | 1.6         | 0.1         |
| Buffalo      | 143           | -           | 2.8         | 5.6         | 22.4         | 31.5         | 19.6         | 15.4         | 2.1         | 0.7         |
| Burnett      | 155           | -           | 2.6         | 12.3        | 37.4         | 24.5         | 13.5         | 9.7          | -           | -           |
| Calumet      | 597           | -           | 1.7         | 3.9         | 15.7         | 31.7         | 32.3         | 12.6         | 2.0         | 0.2         |
| Chippewa     | 672           | -           | 2.7         | 7.4         | 29.3         | 28.4         | 22.8         | 7.0          | 2.2         | -           |
| Clark        | 518           | -           | 1.4         | 5.6         | 25.3         | 32.0         | 23.4         | 10.6         | 1.7         | -           |
| Columbia     | 651           | 0.2         | 1.5         | 4.8         | 22.7         | 30.0         | 25.3         | 12.4         | 2.9         | 0.2         |
| Crawford     | 199           | -           | 1.5         | 9.5         | 28.6         | 27.1         | 21.6         | 6.5          | 5.0         | -           |
| Dane         | 5,520         | 0.0         | 2.2         | 4.3         | 17.2         | 27.1         | 31.9         | 13.8         | 3.3         | 0.1         |
| Dodge        | 926           | 0.1         | 2.4         | 6.2         | 25.6         | 30.7         | 24.3         | 9.1          | 1.7         | -           |
| Door         | 262           | -           | 1.5         | 6.5         | 18.3         | 28.6         | 27.5         | 14.9         | 2.7         | -           |
| Douglas      | 513           | -           | 3.5         | 6.8         | 28.3         | 27.1         | 23.2         | 9.6          | 1.6         | -           |
| Dunn         | 445           | 0.2         | 1.8         | 7.0         | 26.7         | 31.0         | 24.7         | 6.7          | 1.3         | 0.4         |
| Eau Claire   | 1,146         | -           | 1.6         | 6.4         | 25.0         | 31.7         | 24.3         | 8.9          | 2.1         | 0.1         |
| Florence     | 40            | -           | -           | 2.5         | 30.0         | 22.5         | 25.0         | 20.0         | -           | -           |
| Fond du Lac  | 1,091         | -           | 3.0         | 6.3         | 25.1         | 29.1         | 25.1         | 9.2          | 2.0         | 0.1         |
| Forest       | 100           | -           | 4.0         | 13.0        | 31.0         | 28.0         | 16.0         | 7.0          | 1.0         | -           |
| Grant        | 547           | -           | 2.0         | 4.8         | 25.4         | 30.5         | 23.6         | 11.5         | 2.0         | 0.2         |
| Green        | 397           | -           | 2.5         | 5.3         | 24.7         | 27.5         | 26.2         | 10.1         | 3.8         | -           |
| Green Lake   | 230           | -           | 3.5         | 4.3         | 27.4         | 29.6         | 21.3         | 12.6         | 0.9         | 0.4         |
| Iowa         | 310           | 0.3         | -           | 5.8         | 20.3         | 32.9         | 28.7         | 10.3         | 1.6         | -           |
| Iron         | 48            | -           | -           | 2.1         | 14.6         | 35.4         | 31.3         | 8.3          | 6.3         | 2.1         |
| Jackson      | 205           | -           | 2.0         | 8.3         | 27.8         | 29.8         | 18.0         | 11.2         | 2.0         | 1.0         |
| Jefferson    | 914           | 0.1         | 2.3         | 5.3         | 22.1         | 31.6         | 25.3         | 12.0         | 1.1         | 0.2         |
| Juneau       | 252           | -           | 4.8         | 8.7         | 28.6         | 28.2         | 18.3         | 7.9          | 3.2         | 0.4         |
| Kenosha      | 2,119         | 0.1         | 3.4         | 7.0         | 22.7         | 27.3         | 25.2         | 11.8         | 2.3         | 0.2         |
| Kewaunee     | 243           | -           | 2.5         | 2.9         | 23.0         | 30.5         | 29.6         | 9.9          | 1.6         | -           |
| La Crosse    | 1,260         | -           | 2.8         | 5.6         | 21.5         | 29.2         | 27.3         | 11.4         | 2.1         | 0.1         |
| Lafayette    | 200           | -           | 1.5         | 8.5         | 23.5         | 27.0         | 21.0         | 16.0         | 2.0         | 0.5         |
| Langlade     | 213           | -           | 4.2         | 9.9         | 27.7         | 31.9         | 17.8         | 7.5          | 0.9         | -           |
| Lincoln      | 329           | -           | 2.1         | 6.1         | 31.9         | 30.4         | 18.8         | 8.5          | 2.1         | -           |
| Manitowoc    | 908           | -           | 3.1         | 5.7         | 24.0         | 30.2         | 23.9         | 12.0         | 1.0         | 0.1         |
| Marathon     | 1,534         | 0.1         | 2.6         | 5.1         | 23.7         | 30.5         | 24.6         | 10.8         | 2.4         | 0.2         |
| Marinette    | 386           | -           | 3.9         | 8.8         | 28.8         | 30.3         | 19.9         | 7.5          | 0.5         | 0.3         |
| Marquette    | 162           | 0.6         | 2.5         | 16.0        | 23.5         | 24.1         | 22.2         | 9.9          | 1.2         | -           |
| Menominee    | 93            | 1.1         | 14.0        | 14.0        | 38.7         | 15.1         | 10.8         | 5.4          | 1.1         | -           |
| Milwaukee    | 14,727        | 0.4         | 5.9         | 9.5         | 27.2         | 24.9         | 20.8         | 9.4          | 1.8         | 0.1         |
| Monroe       | 593           | 0.2         | 2.4         | 6.9         | 29.2         | 29.2         | 21.8         | 8.3          | 1.9         | 0.3         |

(Continued)

**Table 6b. Percent of Births by Age of Mother and County of Residence, Wisconsin 2001**

| County      | Total | <15 | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ |
|-------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-----|
| Oconto      | 392   | -   | 3.1   | 5.1   | 25.8  | 32.4  | 23.5  | 9.4   | 0.8   | -   |
| Oneida      | 278   | -   | 2.2   | 7.9   | 21.2  | 29.1  | 24.5  | 12.2  | 2.9   | -   |
| Outagamie   | 2,244 | 0.0 | 1.6   | 5.6   | 18.9  | 30.6  | 30.8  | 11.0  | 1.5   | 0.0 |
| Ozaukee     | 867   | -   | 0.2   | 2.9   | 11.5  | 24.6  | 36.6  | 20.4  | 3.8   | -   |
| Pepin       | 88    | -   | 3.4   | 5.7   | 18.2  | 38.6  | 20.5  | 8.0   | 5.7   | -   |
| Pierce      | 383   | -   | 0.8   | 4.2   | 18.5  | 35.5  | 28.5  | 9.4   | 3.1   | -   |
| Polk        | 508   | -   | 1.8   | 7.3   | 25.2  | 27.0  | 26.4  | 9.8   | 2.6   | -   |
| Portage     | 743   | -   | 2.7   | 6.5   | 23.7  | 27.9  | 25.0  | 12.7  | 1.6   | -   |
| Price       | 139   | -   | 0.7   | 5.8   | 27.3  | 35.3  | 20.9  | 7.9   | 2.2   | -   |
| Racine      | 2,581 | 0.0 | 4.3   | 6.9   | 25.4  | 27.2  | 23.8  | 10.4  | 1.9   | -   |
| Richland    | 204   | -   | 1.5   | 9.3   | 26.5  | 27.5  | 24.5  | 9.3   | 1.5   | -   |
| Rock        | 2,028 | 0.1 | 3.8   | 9.5   | 25.5  | 29.3  | 21.6  | 8.6   | 1.4   | -   |
| Rusk        | 185   | -   | 4.9   | 6.5   | 29.7  | 29.2  | 19.5  | 8.1   | 1.6   | 0.5 |
| St. Croix   | 912   | -   | 1.5   | 3.5   | 17.4  | 32.8  | 28.5  | 13.8  | 2.4   | -   |
| Sauk        | 701   | -   | 2.3   | 8.4   | 22.1  | 31.5  | 24.4  | 9.6   | 1.7   | -   |
| Sawyer      | 182   | 0.5 | 3.8   | 13.2  | 33.0  | 28.0  | 11.5  | 6.6   | 3.3   | -   |
| Shawano     | 462   | -   | 3.2   | 6.1   | 27.3  | 29.0  | 21.6  | 10.8  | 1.9   | -   |
| Sheboygan   | 1,339 | -   | 2.9   | 7.4   | 26.4  | 27.3  | 23.7  | 9.4   | 2.8   | 0.1 |
| Taylor      | 246   | -   | 1.2   | 6.9   | 26.8  | 31.3  | 22.4  | 8.5   | 2.4   | 0.4 |
| Trempealeau | 330   | -   | 1.5   | 7.3   | 25.8  | 26.7  | 26.4  | 10.3  | 2.1   | -   |
| Vernon      | 377   | -   | 2.4   | 3.2   | 21.8  | 28.1  | 26.8  | 13.0  | 4.2   | 0.5 |
| Vilas       | 194   | -   | 1.0   | 9.3   | 23.2  | 23.7  | 27.3  | 12.4  | 3.1   | -   |
| Walworth    | 1,136 | -   | 2.6   | 7.4   | 22.4  | 27.6  | 26.5  | 10.9  | 2.2   | 0.3 |
| Washburn    | 156   | -   | 3.2   | 10.9  | 27.6  | 29.5  | 19.9  | 6.4   | 2.6   | -   |
| Washington  | 1,484 | -   | 1.4   | 3.7   | 16.0  | 27.4  | 32.3  | 16.4  | 2.6   | 0.1 |
| Waukesha    | 4,421 | 0.0 | 0.8   | 2.4   | 11.6  | 25.1  | 38.2  | 18.9  | 2.9   | 0.1 |
| Waupaca     | 602   | -   | 2.2   | 6.6   | 30.2  | 26.7  | 22.9  | 9.5   | 1.8   | -   |
| Waushara    | 232   | 0.4 | 3.4   | 10.8  | 29.7  | 22.4  | 24.6  | 5.6   | 3.0   | -   |
| Winnebago   | 1,851 | -   | 1.8   | 5.8   | 23.1  | 28.1  | 28.9  | 10.8  | 1.6   | -   |
| Wood        | 891   | 0.1 | 2.8   | 8.1   | 26.5  | 30.2  | 22.4  | 7.9   | 1.9   | -   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 2 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table 7a. Number of Births by Age of Mother and Region, Wisconsin 2001**

|                          | Total         | <15       | 15-17        | 18-19        | 20-24         | 25-29         | 30-34         | 35-39        | 40-44        | 45+       |
|--------------------------|---------------|-----------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|-----------|
| <b>Total</b>             | <b>69,012</b> | <b>80</b> | <b>2,167</b> | <b>4,602</b> | <b>15,951</b> | <b>19,176</b> | <b>17,745</b> | <b>7,737</b> | <b>1,480</b> | <b>72</b> |
| <b>DHFS Regions</b>      |               |           |              |              |               |               |               |              |              |           |
| Southern                 | 12,114        | 7         | 294          | 735          | 2,593         | 3,451         | 3,307         | 1,401        | 316          | 10        |
| Southeastern             | 28,249        | 61        | 1,162        | 2,049        | 6,451         | 7,275         | 7,231         | 3,384        | 604          | 32        |
| Northeastern             | 14,326        | 5         | 381          | 880          | 3,297         | 4,173         | 3,797         | 1,539        | 244          | 10        |
| Western                  | 9,061         | 4         | 199          | 569          | 2,261         | 2,726         | 2,204         | 888          | 197          | 12        |
| Northern                 | 5,262         | 3         | 131          | 369          | 1,349         | 1,551         | 1,206         | 525          | 119          | 8         |
| <b>Perinatal Regions</b> |               |           |              |              |               |               |               |              |              |           |
| South Central            | 13,965        | 8         | 342          | 848          | 2,993         | 4,000         | 3,796         | 1,622        | 341          | 15        |
| Southeast                | 27,538        | 60        | 1,150        | 2,016        | 6,347         | 7,038         | 7,017         | 3,276        | 606          | 28        |
| Fox Valley               | 7,009         | 2         | 146          | 425          | 1,571         | 2,033         | 1,974         | 735          | 119          | 4         |
| Northeast                | 5,978         | 3         | 196          | 356          | 1,373         | 1,774         | 1,505         | 678          | 88           | 5         |
| Western                  | 7,733         | 4         | 159          | 476          | 1,886         | 2,337         | 1,919         | 757          | 183          | 11        |
| North Central            | 5,410         | 2         | 133          | 359          | 1,376         | 1,622         | 1,252         | 549          | 111          | 5         |
| Northwest                | 1,379         | 1         | 41           | 122          | 405           | 372           | 282           | 120          | 32           | 4         |

**Table 7b. Percent of Births by Age of Mother and Region, Wisconsin 2001**

|                          | Total         | <15         | 15-17       | 18-19       | 20-24        | 25-29        | 30-34        | 35-39        | 40-44       | 45+         |
|--------------------------|---------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|
| <b>Total</b>             | <b>69,012</b> | <b>0.1%</b> | <b>3.1%</b> | <b>6.7%</b> | <b>23.1%</b> | <b>27.8%</b> | <b>25.7%</b> | <b>11.2%</b> | <b>2.1%</b> | <b>0.1%</b> |
| <b>DHFS Regions</b>      |               |             |             |             |              |              |              |              |             |             |
| Southern                 | 12,114        | 0.1         | 2.4         | 6.1         | 21.4         | 28.5         | 27.3         | 11.6         | 2.6         | 0.1         |
| Southeastern             | 28,249        | 0.2         | 4.1         | 7.3         | 22.8         | 25.8         | 25.6         | 12.0         | 2.1         | 0.1         |
| Northeastern             | 14,326        | 0.0         | 2.7         | 6.1         | 23.0         | 29.1         | 26.5         | 10.7         | 1.7         | 0.1         |
| Western                  | 9,061         | 0.0         | 2.2         | 6.3         | 25.0         | 30.1         | 24.3         | 9.8          | 2.2         | 0.1         |
| Northern                 | 5,262         | 0.1         | 2.5         | 7.0         | 25.6         | 29.5         | 22.9         | 10.0         | 2.3         | 0.2         |
| <b>Perinatal Regions</b> |               |             |             |             |              |              |              |              |             |             |
| South Central            | 13,965        | 0.1         | 2.4         | 6.1         | 21.4         | 28.6         | 27.2         | 11.6         | 2.4         | 0.1         |
| Southeast                | 27,538        | 0.2         | 4.2         | 7.3         | 23.0         | 25.6         | 25.5         | 11.9         | 2.2         | 0.1         |
| Fox Valley               | 7,009         | 0.0         | 2.1         | 6.1         | 22.4         | 29.0         | 28.2         | 10.5         | 1.7         | 0.1         |
| Northeast                | 5,978         | 0.1         | 3.3         | 6.0         | 23.0         | 29.7         | 25.2         | 11.3         | 1.5         | 0.1         |
| Western                  | 7,733         | 0.1         | 2.1         | 6.2         | 24.4         | 30.2         | 24.8         | 9.8          | 2.4         | 0.1         |
| North Central            | 5,410         | 0.0         | 2.5         | 6.6         | 25.4         | 30.0         | 23.1         | 10.1         | 2.1         | 0.1         |
| Northwest                | 1,379         | 0.1         | 3.0         | 8.8         | 29.4         | 27.0         | 20.4         | 8.7          | 2.3         | 0.3         |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 2 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category. Percents may not add to 100 due to rounding. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 98 and 99).

**Table 8a. Number of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2001**

| County       | Total         | White         | Black/Afr.<br>American | Amer.<br>Indian | Hispanic/<br>Latino | Laotian/<br>Hmong | Other        |
|--------------|---------------|---------------|------------------------|-----------------|---------------------|-------------------|--------------|
| <b>Total</b> | <b>69,012</b> | <b>53,969</b> | <b>6,467</b>           | <b>916</b>      | <b>5,145</b>        | <b>1,046</b>      | <b>1,446</b> |
| Adams        | 179           | 175           | -                      | 1               | 2                   | -                 | 1            |
| Ashland      | 190           | 150           | 2                      | 30              | 4                   | -                 | 4            |
| Barron       | 472           | 453           | 1                      | 7               | 8                   | -                 | 3            |
| Bayfield     | 135           | 118           | -                      | 11              | 3                   | -                 | 2            |
| Brown        | 3,232         | 2,599         | 44                     | 139             | 302                 | 98                | 50           |
| Buffalo      | 143           | 138           | 1                      | -               | 1                   | -                 | 3            |
| Burnett      | 155           | 145           | -                      | 10              | -                   | -                 | -            |
| Calumet      | 597           | 563           | 2                      | 3               | 8                   | 14                | 7            |
| Chippewa     | 672           | 650           | 2                      | 4               | 3                   | 6                 | 5            |
| Clark        | 518           | 497           | -                      | 3               | 15                  | -                 | 3            |
| Columbia     | 651           | 626           | -                      | 1               | 18                  | -                 | 6            |
| Crawford     | 199           | 195           | -                      | 1               | -                   | -                 | 3            |
| Dane         | 5,520         | 4,325         | 391                    | 40              | 414                 | 76                | 269          |
| Dodge        | 926           | 844           | -                      | 6               | 68                  | -                 | 8            |
| Door         | 262           | 247           | -                      | 3               | 9                   | -                 | 3            |
| Douglas      | 513           | 482           | 4                      | 18              | 6                   | 1                 | 2            |
| Dunn         | 445           | 404           | 4                      | 1               | 5                   | 18                | 13           |
| Eau Claire   | 1,146         | 1,047         | 7                      | 6               | 18                  | 50                | 18           |
| Florence     | 40            | 40            | -                      | -               | -                   | -                 | -            |
| Fond du Lac  | 1,091         | 978           | 14                     | 7               | 57                  | 17                | 18           |
| Forest       | 100           | 79            | -                      | 20              | -                   | -                 | 1            |
| Grant        | 547           | 538           | 1                      | -               | 1                   | -                 | 7            |
| Green        | 397           | 389           | 1                      | -               | 4                   | -                 | 3            |
| Green Lake   | 230           | 214           | -                      | -               | 13                  | 2                 | 1            |
| Iowa         | 310           | 305           | -                      | 1               | 2                   | -                 | 2            |
| Iron         | 48            | 46            | -                      | 2               | -                   | -                 | -            |
| Jackson      | 205           | 173           | -                      | 24              | 7                   | -                 | 1            |
| Jefferson    | 914           | 817           | 5                      | 2               | 74                  | -                 | 16           |
| Juneau       | 252           | 237           | -                      | 4               | 5                   | 2                 | 4            |
| Kenosha      | 2,119         | 1,627         | 180                    | 12              | 259                 | -                 | 41           |
| Kewaunee     | 243           | 236           | -                      | 1               | 3                   | -                 | 3            |
| La Crosse    | 1,260         | 1,121         | 21                     | 15              | 15                  | 67                | 20           |
| Lafayette    | 200           | 197           | -                      | -               | 1                   | -                 | 2            |
| Langlade     | 213           | 203           | 1                      | 2               | 7                   | -                 | -            |
| Lincoln      | 329           | 319           | 1                      | 4               | 4                   | 1                 | -            |
| Manitowoc    | 908           | 814           | 8                      | 4               | 44                  | 25                | 13           |
| Marathon     | 1,534         | 1,358         | 10                     | 10              | 15                  | 111               | 30           |
| Marinette    | 386           | 377           | 1                      | -               | 7                   | -                 | 1            |
| Marquette    | 162           | 157           | 1                      | 1               | 3                   | -                 | -            |
| Menominee    | 93            | 3             | -                      | 84              | 5                   | -                 | 1            |
| Milwaukee    | 14,727        | 6,581         | 5,141                  | 116             | 2,205               | 282               | 398          |
| Monroe       | 593           | 554           | 2                      | 9               | 21                  | -                 | 7            |

(Continued)

**Table 8a. Number of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2001**

| County      | Total | White | Black/Afr.<br>American | Amer.<br>Indian | Hispanic/<br>Latino | Laotian/<br>Hmong | Other |
|-------------|-------|-------|------------------------|-----------------|---------------------|-------------------|-------|
| Oconto      | 392   | 370   | 1                      | 7               | 7                   | -                 | 6     |
| Oneida      | 278   | 266   | 1                      | 1               | 7                   | -                 | 3     |
| Outagamie   | 2,244 | 1,973 | 13                     | 37              | 100                 | 80                | 40    |
| Ozaukee     | 867   | 821   | 12                     | 1               | 14                  | -                 | 18    |
| Pepin       | 88    | 87    | -                      | 1               | -                   | -                 | -     |
| Pierce      | 383   | 378   | -                      | -               | 2                   | 1                 | 2     |
| Polk        | 508   | 489   | -                      | 9               | 8                   | -                 | 1     |
| Portage     | 743   | 681   | 6                      | 3               | 16                  | 20                | 17    |
| Price       | 139   | 135   | -                      | 1               | 3                   | -                 | -     |
| Racine      | 2,581 | 1,765 | 376                    | 22              | 384                 | 1                 | 32    |
| Richland    | 204   | 197   | -                      | -               | 6                   | -                 | 1     |
| Rock        | 2,028 | 1,691 | 131                    | 6               | 155                 | -                 | 44    |
| Rusk        | 185   | 174   | 1                      | -               | 5                   | -                 | 5     |
| St. Croix   | 912   | 885   | -                      | 5               | 12                  | 2                 | 7     |
| Sauk        | 701   | 654   | -                      | 13              | 28                  | -                 | 6     |
| Sawyer      | 182   | 123   | -                      | 55              | 2                   | -                 | 2     |
| Shawano     | 462   | 384   | 3                      | 47              | 14                  | -                 | 14    |
| Sheboygan   | 1,339 | 1,095 | 9                      | 5               | 114                 | 94                | 22    |
| Taylor      | 246   | 240   | -                      | -               | 4                   | -                 | 2     |
| Trempealeau | 330   | 319   | 1                      | -               | 8                   | -                 | 2     |
| Vernon      | 377   | 364   | -                      | 2               | 7                   | -                 | 4     |
| Vilas       | 194   | 150   | 1                      | 39              | 3                   | -                 | 1     |
| Walworth    | 1,136 | 921   | 9                      | 7               | 183                 | 1                 | 15    |
| Washburn    | 156   | 149   | 1                      | 2               | 2                   | -                 | 2     |
| Washington  | 1,484 | 1,404 | 8                      | 12              | 36                  | 1                 | 22    |
| Waukesha    | 4,421 | 3,970 | 28                     | 16              | 238                 | 7                 | 162   |
| Waupaca     | 602   | 567   | 3                      | 3               | 22                  | 1                 | 6     |
| Waushara    | 232   | 198   | -                      | 1               | 31                  | -                 | 2     |
| Winnebago   | 1,851 | 1,670 | 16                     | 9               | 76                  | 53                | 27    |
| Wood        | 891   | 828   | 2                      | 10              | 22                  | 15                | 12    |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. Included in the totals are 23 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table 8b. Percent of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2001**

| County       | Total         | White        | Black/Afr.<br>American | Amer.<br>Indian | Hispanic/<br>Latino | Laotian/<br>Hmong | Other       |
|--------------|---------------|--------------|------------------------|-----------------|---------------------|-------------------|-------------|
| <b>Total</b> | <b>69,012</b> | <b>78.2%</b> | <b>9.4%</b>            | <b>1.3%</b>     | <b>7.5%</b>         | <b>1.5%</b>       | <b>2.1%</b> |
| Adams        | 179           | 97.8         | -                      | 0.6             | 1.1                 | -                 | 0.6         |
| Ashland      | 190           | 78.9         | 1.1                    | 15.8            | 2.1                 | -                 | 2.1         |
| Barron       | 472           | 96.0         | 0.2                    | 1.5             | 1.7                 | -                 | 0.6         |
| Bayfield     | 135           | 87.4         | -                      | 8.1             | 2.2                 | -                 | 1.5         |
| Brown        | 3,232         | 80.4         | 1.4                    | 4.3             | 9.3                 | 3.0               | 1.5         |
| Buffalo      | 143           | 96.5         | 0.7                    | -               | 0.7                 | -                 | 2.1         |
| Burnett      | 155           | 93.5         | -                      | 6.5             | -                   | -                 | -           |
| Calumet      | 597           | 94.3         | 0.3                    | 0.5             | 1.3                 | 2.3               | 1.2         |
| Chippewa     | 672           | 96.7         | 0.3                    | 0.6             | 0.4                 | 0.9               | 0.7         |
| Clark        | 518           | 95.9         | -                      | 0.6             | 2.9                 | -                 | 0.6         |
| Columbia     | 651           | 96.2         | -                      | 0.2             | 2.8                 | -                 | 0.9         |
| Crawford     | 199           | 98.0         | -                      | 0.5             | -                   | -                 | 1.5         |
| Dane         | 5,520         | 78.4         | 7.1                    | 0.7             | 7.5                 | 1.4               | 4.9         |
| Dodge        | 926           | 91.1         | -                      | 0.6             | 7.3                 | -                 | 0.9         |
| Door         | 262           | 94.3         | -                      | 1.1             | 3.4                 | -                 | 1.1         |
| Douglas      | 513           | 94.0         | 0.8                    | 3.5             | 1.2                 | 0.2               | 0.4         |
| Dunn         | 445           | 90.8         | 0.9                    | 0.2             | 1.1                 | 4.0               | 2.9         |
| Eau Claire   | 1,146         | 91.4         | 0.6                    | 0.5             | 1.6                 | 4.4               | 1.6         |
| Florence     | 40            | 100.0        | -                      | -               | -                   | -                 | -           |
| Fond du Lac  | 1,091         | 89.6         | 1.3                    | 0.6             | 5.2                 | 1.6               | 1.6         |
| Forest       | 100           | 79.0         | -                      | 20.0            | -                   | -                 | 1.0         |
| Grant        | 547           | 98.4         | 0.2                    | -               | 0.2                 | -                 | 1.3         |
| Green        | 397           | 98.0         | 0.3                    | -               | 1.0                 | -                 | 0.8         |
| Green Lake   | 230           | 93.0         | -                      | -               | 5.7                 | 0.9               | 0.4         |
| Iowa         | 310           | 98.4         | -                      | 0.3             | 0.6                 | -                 | 0.6         |
| Iron         | 48            | 95.8         | -                      | 4.2             | -                   | -                 | -           |
| Jackson      | 205           | 84.4         | -                      | 11.7            | 3.4                 | -                 | 0.5         |
| Jefferson    | 914           | 89.4         | 0.5                    | 0.2             | 8.1                 | -                 | 1.8         |
| Juneau       | 252           | 94.0         | -                      | 1.6             | 2.0                 | 0.8               | 1.6         |
| Kenosha      | 2,119         | 76.8         | 8.5                    | 0.6             | 12.2                | 0.0               | 1.9         |
| Kewaunee     | 243           | 97.1         | -                      | 0.4             | 1.2                 | -                 | 1.2         |
| La Crosse    | 1,260         | 89.0         | 1.7                    | 1.2             | 1.2                 | 5.3               | 1.6         |
| Lafayette    | 200           | 98.5         | -                      | -               | 0.5                 | -                 | 1.0         |
| Langlade     | 213           | 95.3         | 0.5                    | 0.9             | 3.3                 | -                 | -           |
| Lincoln      | 329           | 97.0         | 0.3                    | 1.2             | 1.2                 | 0.3               | -           |
| Manitowoc    | 908           | 89.6         | 0.9                    | 0.4             | 4.8                 | 2.8               | 1.4         |
| Marathon     | 1,534         | 88.5         | 0.7                    | 0.7             | 1.0                 | 7.2               | 2.0         |
| Marinette    | 386           | 97.7         | 0.3                    | -               | 1.8                 | -                 | 0.3         |
| Marquette    | 162           | 96.9         | 0.6                    | 0.6             | 1.9                 | -                 | -           |
| Menominee    | 93            | 3.2          | -                      | 90.3            | 5.4                 | -                 | 1.1         |
| Milwaukee    | 14,727        | 44.7         | 34.9                   | 0.8             | 15.0                | 1.9               | 2.7         |
| Monroe       | 593           | 93.4         | 0.3                    | 1.5             | 3.5                 | -                 | 1.2         |

(Continued)

**Table 8b. Percent of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2001**

| County      | Total | White | Black/Afr.<br>American | Amer.<br>Indian | Hispanic/<br>Latino | Laotian/<br>Hmong | Other |
|-------------|-------|-------|------------------------|-----------------|---------------------|-------------------|-------|
| Oconto      | 392   | 94.4  | 0.3                    | 1.8             | 1.8                 | -                 | 1.5   |
| Oneida      | 278   | 95.7  | 0.4                    | 0.4             | 2.5                 | -                 | 1.1   |
| Outagamie   | 2,244 | 87.9  | 0.6                    | 1.6             | 4.5                 | 3.6               | 1.8   |
| Ozaukee     | 867   | 94.7  | 1.4                    | 0.1             | 1.6                 | -                 | 2.1   |
| Pepin       | 88    | 98.9  | -                      | 1.1             | -                   | -                 | -     |
| Pierce      | 383   | 98.7  | -                      | -               | 0.5                 | 0.3               | 0.5   |
| Polk        | 508   | 96.3  | -                      | 1.8             | 1.6                 | -                 | 0.2   |
| Portage     | 743   | 91.7  | 0.8                    | 0.4             | 2.2                 | 2.7               | 2.3   |
| Price       | 139   | 97.1  | -                      | 0.7             | 2.2                 | -                 | -     |
| Racine      | 2,581 | 68.4  | 14.6                   | 0.9             | 14.9                | 0.0               | 1.2   |
| Richland    | 204   | 96.6  | -                      | -               | 2.9                 | -                 | 0.5   |
| Rock        | 2,028 | 83.4  | 6.5                    | 0.3             | 7.6                 | -                 | 2.2   |
| Rusk        | 185   | 94.1  | 0.5                    | -               | 2.7                 | -                 | 2.7   |
| St. Croix   | 912   | 97.0  | -                      | 0.5             | 1.3                 | 0.2               | 0.8   |
| Sauk        | 701   | 93.3  | -                      | 1.9             | 4.0                 | -                 | 0.9   |
| Sawyer      | 182   | 67.6  | -                      | 30.2            | 1.1                 | -                 | 1.1   |
| Shawano     | 462   | 83.1  | 0.6                    | 10.2            | 3.0                 | -                 | 3.0   |
| Sheboygan   | 1,339 | 81.8  | 0.7                    | 0.4             | 8.5                 | 7.0               | 1.6   |
| Taylor      | 246   | 97.6  | -                      | -               | 1.6                 | -                 | 0.8   |
| Trempealeau | 330   | 96.7  | 0.3                    | -               | 2.4                 | -                 | 0.6   |
| Vernon      | 377   | 96.6  | -                      | 0.5             | 1.9                 | -                 | 1.1   |
| Vilas       | 194   | 77.3  | 0.5                    | 20.1            | 1.5                 | -                 | 0.5   |
| Walworth    | 1,136 | 81.1  | 0.8                    | 0.6             | 16.1                | 0.1               | 1.3   |
| Washburn    | 156   | 95.5  | 0.6                    | 1.3             | 1.3                 | -                 | 1.3   |
| Washington  | 1,484 | 94.6  | 0.5                    | 0.8             | 2.4                 | 0.1               | 1.5   |
| Waukesha    | 4,421 | 89.8  | 0.6                    | 0.4             | 5.4                 | 0.2               | 3.7   |
| Waupaca     | 602   | 94.2  | 0.5                    | 0.5             | 3.7                 | 0.2               | 1.0   |
| Waushara    | 232   | 85.3  | -                      | 0.4             | 13.4                | -                 | 0.9   |
| Winnebago   | 1,851 | 90.2  | 0.9                    | 0.5             | 4.1                 | 2.9               | 1.5   |
| Wood        | 891   | 92.9  | 0.2                    | 1.1             | 2.5                 | 1.7               | 1.3   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. Included in the totals are 23 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table 9a. Number of Births by Race/Ethnicity of Mother and Region, Wisconsin 2001**

|                          | Total         | White         | Black/Afr.<br>American | Amer.<br>Indian | Hispanic/<br>Latino | Laotian/<br>Hmong | Other        |
|--------------------------|---------------|---------------|------------------------|-----------------|---------------------|-------------------|--------------|
| <b>Total</b>             | <b>69,012</b> | <b>53,969</b> | <b>6,467</b>           | <b>916</b>      | <b>5,145</b>        | <b>1,046</b>      | <b>1,446</b> |
| <b>DHFS Regions</b>      |               |               |                        |                 |                     |                   |              |
| Southern                 | 12,114        | 10,373        | 524                    | 73              | 704                 | 78                | 356          |
| Southeastern             | 28,249        | 17,906        | 5,759                  | 188             | 3,393               | 292               | 704          |
| Northeastern             | 14,326        | 12,445        | 115                    | 351             | 815                 | 384               | 214          |
| Western                  | 9,061         | 8,509         | 45                     | 116             | 143                 | 145               | 98           |
| Northern                 | 5,262         | 4,736         | 24                     | 188             | 90                  | 147               | 74           |
| <b>Perinatal Regions</b> |               |               |                        |                 |                     |                   |              |
| South Central            | 13,965        | 11,916        | 538                    | 81              | 961                 | 79                | 384          |
| Southeast                | 27,538        | 17,263        | 5,754                  | 184             | 3,250               | 385               | 695          |
| Fox Valley               | 7,009         | 6,320         | 49                     | 61              | 310                 | 167               | 101          |
| Northeast                | 5,978         | 5,030         | 57                     | 285             | 391                 | 123               | 91           |
| Western                  | 7,733         | 7,257         | 39                     | 84              | 115                 | 144               | 89           |
| North Central            | 5,410         | 4,970         | 23                     | 93              | 101                 | 147               | 74           |
| Northwest                | 1,379         | 1,213         | 7                      | 128             | 17                  | 1                 | 12           |

**Table 9b. Percent of Births by Race/Ethnicity of Mother and Region, Wisconsin 2001**

|                          | Total         | White        | Black/Afr.<br>American | Amer.<br>Indian | Hispanic/<br>Latino | Laotian/<br>Hmong | Other       |
|--------------------------|---------------|--------------|------------------------|-----------------|---------------------|-------------------|-------------|
| <b>Total</b>             | <b>69,012</b> | <b>78.2%</b> | <b>9.4%</b>            | <b>1.3%</b>     | <b>7.5%</b>         | <b>1.5%</b>       | <b>2.1%</b> |
| <b>DHFS Regions</b>      |               |              |                        |                 |                     |                   |             |
| Southern                 | 12,114        | 85.6         | 4.3                    | 0.6             | 5.8                 | 0.6               | 2.9         |
| Southeastern             | 28,249        | 63.4         | 20.4                   | 0.7             | 12.0                | 1.0               | 2.5         |
| Northeastern             | 14,326        | 86.9         | 0.8                    | 2.5             | 5.7                 | 2.7               | 1.5         |
| Western                  | 9,061         | 93.9         | 0.5                    | 1.3             | 1.6                 | 1.6               | 1.1         |
| Northern                 | 5,262         | 90.0         | 0.5                    | 3.6             | 1.7                 | 2.8               | 1.4         |
| <b>Perinatal Regions</b> |               |              |                        |                 |                     |                   |             |
| South Central            | 13,965        | 85.3         | 3.9                    | 0.6             | 6.9                 | 0.6               | 2.7         |
| Southeast                | 27,538        | 62.7         | 20.9                   | 0.7             | 11.8                | 1.4               | 2.5         |
| Fox Valley               | 7,009         | 90.2         | 0.7                    | 0.9             | 4.4                 | 2.4               | 1.4         |
| Northeast                | 5,978         | 84.1         | 1.0                    | 4.8             | 6.5                 | 2.1               | 1.5         |
| Western                  | 7,733         | 93.8         | 0.5                    | 1.1             | 1.5                 | 1.9               | 1.2         |
| North Central            | 5,410         | 91.9         | 0.4                    | 1.7             | 1.9                 | 2.7               | 1.4         |
| Northwest                | 1,379         | 88.0         | 0.5                    | 9.3             | 1.2                 | 0.1               | 0.9         |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: See Technical Notes for full definitions of race/ethnicity categories. Included in the totals are 23 births for which race/ethnicity of mother was not reported. Percents may not add to 100 due to rounding. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 98 and 99).

**Table 10a. Number of Births by Education of Mother and County of Residence, Wisconsin 2001**

| County       | Total         | Elementary<br>or Less | Some High<br>School | High School<br>Graduate | Some<br>College | College<br>Graduate | Post<br>Graduate |
|--------------|---------------|-----------------------|---------------------|-------------------------|-----------------|---------------------|------------------|
| <b>Total</b> | <b>69,012</b> | <b>2,483</b>          | <b>8,810</b>        | <b>21,289</b>           | <b>16,545</b>   | <b>11,683</b>       | <b>8,012</b>     |
| Adams        | 179           | 2                     | 25                  | 70                      | 54              | 17                  | 11               |
| Ashland      | 190           | 1                     | 14                  | 89                      | 49              | 19                  | 17               |
| Barron       | 472           | 40                    | 44                  | 191                     | 123             | 43                  | 28               |
| Bayfield     | 135           | -                     | 19                  | 37                      | 48              | 19                  | 10               |
| Brown        | 3,232         | 158                   | 392                 | 925                     | 820             | 576                 | 359              |
| Buffalo      | 143           | 4                     | 9                   | 43                      | 66              | 16                  | 5                |
| Burnett      | 155           | 1                     | 21                  | 75                      | 37              | 10                  | 10               |
| Calumet      | 597           | 7                     | 31                  | 179                     | 182             | 116                 | 82               |
| Chippewa     | 672           | 14                    | 75                  | 261                     | 171             | 90                  | 60               |
| Clark        | 518           | 171                   | 27                  | 166                     | 96              | 38                  | 20               |
| Columbia     | 651           | 25                    | 42                  | 213                     | 213             | 97                  | 61               |
| Crawford     | 199           | 3                     | 15                  | 85                      | 52              | 25                  | 19               |
| Dane         | 5,520         | 140                   | 466                 | 1,170                   | 1,215           | 1,345               | 1,175            |
| Dodge        | 926           | 13                    | 122                 | 352                     | 256             | 120                 | 61               |
| Door         | 262           | -                     | 17                  | 92                      | 71              | 43                  | 38               |
| Douglas      | 513           | 1                     | 52                  | 161                     | 181             | 69                  | 46               |
| Dunn         | 445           | 10                    | 34                  | 155                     | 125             | 70                  | 48               |
| Eau Claire   | 1,146         | 48                    | 81                  | 344                     | 342             | 187                 | 143              |
| Florence     | 40            | -                     | 4                   | 17                      | 11              | 7                   | 1                |
| Fond du Lac  | 1,091         | 16                    | 119                 | 391                     | 307             | 158                 | 99               |
| Forest       | 100           | -                     | 24                  | 47                      | 14              | 9                   | 6                |
| Grant        | 547           | 22                    | 29                  | 176                     | 182             | 85                  | 52               |
| Green        | 397           | 5                     | 42                  | 144                     | 112             | 51                  | 43               |
| Green Lake   | 230           | 32                    | 19                  | 77                      | 51              | 25                  | 25               |
| Iowa         | 310           | 2                     | 18                  | 90                      | 105             | 59                  | 35               |
| Iron         | 48            | -                     | 1                   | 14                      | 15              | 9                   | 9                |
| Jackson      | 205           | 9                     | 27                  | 90                      | 44              | 21                  | 14               |
| Jefferson    | 914           | 30                    | 79                  | 287                     | 247             | 176                 | 94               |
| Juneau       | 252           | 4                     | 53                  | 99                      | 61              | 18                  | 16               |
| Kenosha      | 2,119         | 64                    | 304                 | 739                     | 455             | 330                 | 219              |
| Kewaunee     | 243           | 4                     | 14                  | 82                      | 91              | 40                  | 12               |
| La Crosse    | 1,260         | 9                     | 111                 | 290                     | 393             | 253                 | 180              |
| Lafayette    | 200           | 12                    | 15                  | 60                      | 62              | 35                  | 15               |
| Langlade     | 213           | 2                     | 30                  | 81                      | 51              | 27                  | 21               |
| Lincoln      | 329           | 2                     | 32                  | 139                     | 86              | 39                  | 31               |
| Manitowoc    | 908           | 17                    | 116                 | 337                     | 249             | 133                 | 56               |
| Marathon     | 1,534         | 63                    | 110                 | 556                     | 411             | 230                 | 164              |
| Marinette    | 386           | -                     | 48                  | 146                     | 127             | 37                  | 28               |
| Marquette    | 162           | 11                    | 14                  | 80                      | 33              | 11                  | 13               |
| Menominee    | 93            | 1                     | 33                  | 37                      | 20              | 2                   | -                |
| Milwaukee    | 14,727        | 767                   | 3,381               | 4,446                   | 2,777           | 1,973               | 1,351            |
| Monroe       | 593           | 83                    | 73                  | 212                     | 140             | 61                  | 24               |

(Continued)

**Table 10a. Number of Births by Education of Mother and County of Residence, Wisconsin 2001**

| County      | Total | Elementary<br>or Less | Some High<br>School | High School<br>Graduate | Some<br>College | College<br>Graduate | Post<br>Graduate |
|-------------|-------|-----------------------|---------------------|-------------------------|-----------------|---------------------|------------------|
| Oconto      | 392   | 2                     | 57                  | 148                     | 101             | 47                  | 37               |
| Oneida      | 278   | 1                     | 27                  | 103                     | 78              | 33                  | 35               |
| Outagamie   | 2,244 | 54                    | 164                 | 742                     | 549             | 471                 | 263              |
| Ozaukee     | 867   | -                     | 26                  | 178                     | 200             | 292                 | 171              |
| Pepin       | 88    | 23                    | 7                   | 16                      | 27              | 10                  | 5                |
| Pierce      | 383   | -                     | 11                  | 124                     | 116             | 73                  | 58               |
| Polk        | 508   | 2                     | 44                  | 171                     | 164             | 80                  | 46               |
| Portage     | 743   | 6                     | 62                  | 265                     | 173             | 121                 | 116              |
| Price       | 139   | -                     | 11                  | 58                      | 35              | 19                  | 16               |
| Racine      | 2,581 | 110                   | 466                 | 780                     | 578             | 402                 | 228              |
| Richland    | 204   | 10                    | 22                  | 87                      | 46              | 23                  | 16               |
| Rock        | 2,028 | 67                    | 379                 | 697                     | 450             | 216                 | 194              |
| Rusk        | 185   | 5                     | 32                  | 76                      | 39              | 16                  | 17               |
| St. Croix   | 912   | 1                     | 45                  | 217                     | 250             | 241                 | 151              |
| Sauk        | 701   | 26                    | 77                  | 270                     | 168             | 101                 | 57               |
| Sawyer      | 182   | 1                     | 35                  | 71                      | 45              | 17                  | 10               |
| Shawano     | 462   | 11                    | 61                  | 190                     | 130             | 42                  | 28               |
| Sheboygan   | 1,339 | 36                    | 154                 | 488                     | 326             | 199                 | 133              |
| Taylor      | 246   | 30                    | 18                  | 104                     | 64              | 18                  | 12               |
| Trempealeau | 330   | 18                    | 30                  | 105                     | 89              | 51                  | 35               |
| Vernon      | 377   | 103                   | 24                  | 82                      | 82              | 50                  | 32               |
| Vilas       | 194   | 1                     | 20                  | 78                      | 47              | 27                  | 20               |
| Walworth    | 1,136 | 60                    | 162                 | 375                     | 252             | 161                 | 122              |
| Washburn    | 156   | -                     | 22                  | 64                      | 47              | 11                  | 11               |
| Washington  | 1,484 | 9                     | 80                  | 440                     | 422             | 335                 | 197              |
| Waukesha    | 4,421 | 42                    | 177                 | 862                     | 1,029           | 1,410               | 894              |
| Waupaca     | 602   | 11                    | 79                  | 262                     | 147             | 51                  | 51               |
| Waushara    | 232   | 22                    | 47                  | 78                      | 53              | 21                  | 11               |
| Winnebago   | 1,851 | 32                    | 190                 | 595                     | 459             | 331                 | 243              |
| Wood        | 891   | 7                     | 99                  | 318                     | 234             | 125                 | 102              |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 190 births for which education of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table 10b. Percent of Births by Education of Mother and County of Residence, Wisconsin 2001**

| County       | Total         | Elementary<br>or Less | Some High<br>School | High School<br>Graduate | Some<br>College | College<br>Graduate | Post<br>Graduate |
|--------------|---------------|-----------------------|---------------------|-------------------------|-----------------|---------------------|------------------|
| <b>Total</b> | <b>69,012</b> | <b>3.6%</b>           | <b>12.8%</b>        | <b>30.8%</b>            | <b>24.0%</b>    | <b>16.9%</b>        | <b>11.6%</b>     |
| Adams        | 179           | 1.1                   | 14.0                | 39.1                    | 30.2            | 9.5                 | 6.1              |
| Ashland      | 190           | 0.5                   | 7.4                 | 46.8                    | 25.8            | 10.0                | 8.9              |
| Barron       | 472           | 8.5                   | 9.3                 | 40.5                    | 26.1            | 9.1                 | 5.9              |
| Bayfield     | 135           | -                     | 14.1                | 27.4                    | 35.6            | 14.1                | 7.4              |
| Brown        | 3,232         | 4.9                   | 12.1                | 28.6                    | 25.4            | 17.8                | 11.1             |
| Buffalo      | 143           | 2.8                   | 6.3                 | 30.1                    | 46.2            | 11.2                | 3.5              |
| Burnett      | 155           | 0.6                   | 13.5                | 48.4                    | 23.9            | 6.5                 | 6.5              |
| Calumet      | 597           | 1.2                   | 5.2                 | 30.0                    | 30.5            | 19.4                | 13.7             |
| Chippewa     | 672           | 2.1                   | 11.2                | 38.8                    | 25.4            | 13.4                | 8.9              |
| Clark        | 518           | 33.0                  | 5.2                 | 32.0                    | 18.5            | 7.3                 | 3.9              |
| Columbia     | 651           | 3.8                   | 6.5                 | 32.7                    | 32.7            | 14.9                | 9.4              |
| Crawford     | 199           | 1.5                   | 7.5                 | 42.7                    | 26.1            | 12.6                | 9.5              |
| Dane         | 5,520         | 2.5                   | 8.4                 | 21.2                    | 22.0            | 24.4                | 21.3             |
| Dodge        | 926           | 1.4                   | 13.2                | 38.0                    | 27.6            | 13.0                | 6.6              |
| Door         | 262           | -                     | 6.5                 | 35.1                    | 27.1            | 16.4                | 14.5             |
| Douglas      | 513           | 0.2                   | 10.1                | 31.4                    | 35.3            | 13.5                | 9.0              |
| Dunn         | 445           | 2.2                   | 7.6                 | 34.8                    | 28.1            | 15.7                | 10.8             |
| Eau Claire   | 1,146         | 4.2                   | 7.1                 | 30.0                    | 29.8            | 16.3                | 12.5             |
| Florence     | 40            | -                     | 10.0                | 42.5                    | 27.5            | 17.5                | 2.5              |
| Fond du Lac  | 1,091         | 1.5                   | 10.9                | 35.8                    | 28.1            | 14.5                | 9.1              |
| Forest       | 100           | -                     | 24.0                | 47.0                    | 14.0            | 9.0                 | 6.0              |
| Grant        | 547           | 4.0                   | 5.3                 | 32.2                    | 33.3            | 15.5                | 9.5              |
| Green        | 397           | 1.3                   | 10.6                | 36.3                    | 28.2            | 12.8                | 10.8             |
| Green Lake   | 230           | 13.9                  | 8.3                 | 33.5                    | 22.2            | 10.9                | 10.9             |
| Iowa         | 310           | 0.6                   | 5.8                 | 29.0                    | 33.9            | 19.0                | 11.3             |
| Iron         | 48            | -                     | 2.1                 | 29.2                    | 31.3            | 18.8                | 18.8             |
| Jackson      | 205           | 4.4                   | 13.2                | 43.9                    | 21.5            | 10.2                | 6.8              |
| Jefferson    | 914           | 3.3                   | 8.6                 | 31.4                    | 27.0            | 19.3                | 10.3             |
| Juneau       | 252           | 1.6                   | 21.0                | 39.3                    | 24.2            | 7.1                 | 6.3              |
| Kenosha      | 2,119         | 3.0                   | 14.3                | 34.9                    | 21.5            | 15.6                | 10.3             |
| Kewaunee     | 243           | 1.6                   | 5.8                 | 33.7                    | 37.4            | 16.5                | 4.9              |
| La Crosse    | 1,260         | 0.7                   | 8.8                 | 23.0                    | 31.2            | 20.1                | 14.3             |
| Lafayette    | 200           | 6.0                   | 7.5                 | 30.0                    | 31.0            | 17.5                | 7.5              |
| Langlade     | 213           | 0.9                   | 14.1                | 38.0                    | 23.9            | 12.7                | 9.9              |
| Lincoln      | 329           | 0.6                   | 9.7                 | 42.2                    | 26.1            | 11.9                | 9.4              |
| Manitowoc    | 908           | 1.9                   | 12.8                | 37.1                    | 27.4            | 14.6                | 6.2              |
| Marathon     | 1,534         | 4.1                   | 7.2                 | 36.2                    | 26.8            | 15.0                | 10.7             |
| Marinette    | 386           | -                     | 12.4                | 37.8                    | 32.9            | 9.6                 | 7.3              |
| Marquette    | 162           | 6.8                   | 8.6                 | 49.4                    | 20.4            | 6.8                 | 8.0              |
| Menominee    | 93            | 1.1                   | 35.5                | 39.8                    | 21.5            | 2.2                 | -                |
| Milwaukee    | 14,727        | 5.2                   | 23.0                | 30.2                    | 18.9            | 13.4                | 9.2              |
| Monroe       | 593           | 14.0                  | 12.3                | 35.8                    | 23.6            | 10.3                | 4.0              |

(Continued)

**Table 10b. Percent of Births by Education of Mother and County of Residence, Wisconsin 2001**

| County      | Total | Elementary<br>or Less | Some High<br>School | High School<br>Graduate | Some<br>College | College<br>Graduate | Post<br>Graduate |
|-------------|-------|-----------------------|---------------------|-------------------------|-----------------|---------------------|------------------|
| Oconto      | 392   | 0.5                   | 14.5                | 37.8                    | 25.8            | 12.0                | 9.4              |
| Oneida      | 278   | 0.4                   | 9.7                 | 37.1                    | 28.1            | 11.9                | 12.6             |
| Outagamie   | 2,244 | 2.4                   | 7.3                 | 33.1                    | 24.5            | 21.0                | 11.7             |
| Ozaukee     | 867   | -                     | 3.0                 | 20.5                    | 23.1            | 33.7                | 19.7             |
| Pepin       | 88    | 26.1                  | 8.0                 | 18.2                    | 30.7            | 11.4                | 5.7              |
| Pierce      | 383   | -                     | 2.9                 | 32.4                    | 30.3            | 19.1                | 15.1             |
| Polk        | 508   | 0.4                   | 8.7                 | 33.7                    | 32.3            | 15.7                | 9.1              |
| Portage     | 743   | 0.8                   | 8.3                 | 35.7                    | 23.3            | 16.3                | 15.6             |
| Price       | 139   | -                     | 7.9                 | 41.7                    | 25.2            | 13.7                | 11.5             |
| Racine      | 2,581 | 4.3                   | 18.1                | 30.2                    | 22.4            | 15.6                | 8.8              |
| Richland    | 204   | 4.9                   | 10.8                | 42.6                    | 22.5            | 11.3                | 7.8              |
| Rock        | 2,028 | 3.3                   | 18.7                | 34.4                    | 22.2            | 10.7                | 9.6              |
| Rusk        | 185   | 2.7                   | 17.3                | 41.1                    | 21.1            | 8.6                 | 9.2              |
| St. Croix   | 912   | 0.1                   | 4.9                 | 23.8                    | 27.4            | 26.4                | 16.6             |
| Sauk        | 701   | 3.7                   | 11.0                | 38.5                    | 24.0            | 14.4                | 8.1              |
| Sawyer      | 182   | 0.5                   | 19.2                | 39.0                    | 24.7            | 9.3                 | 5.5              |
| Shawano     | 462   | 2.4                   | 13.2                | 41.1                    | 28.1            | 9.1                 | 6.1              |
| Sheboygan   | 1,339 | 2.7                   | 11.5                | 36.4                    | 24.3            | 14.9                | 9.9              |
| Taylor      | 246   | 12.2                  | 7.3                 | 42.3                    | 26.0            | 7.3                 | 4.9              |
| Trempealeau | 330   | 5.5                   | 9.1                 | 31.8                    | 27.0            | 15.5                | 10.6             |
| Vernon      | 377   | 27.3                  | 6.4                 | 21.8                    | 21.8            | 13.3                | 8.5              |
| Vilas       | 194   | 0.5                   | 10.3                | 40.2                    | 24.2            | 13.9                | 10.3             |
| Walworth    | 1,136 | 5.3                   | 14.3                | 33.0                    | 22.2            | 14.2                | 10.7             |
| Washburn    | 156   | -                     | 14.1                | 41.0                    | 30.1            | 7.1                 | 7.1              |
| Washington  | 1,484 | 0.6                   | 5.4                 | 29.6                    | 28.4            | 22.6                | 13.3             |
| Waukesha    | 4,421 | 1.0                   | 4.0                 | 19.5                    | 23.3            | 31.9                | 20.2             |
| Waupaca     | 602   | 1.8                   | 13.1                | 43.5                    | 24.4            | 8.5                 | 8.5              |
| Waushara    | 232   | 9.5                   | 20.3                | 33.6                    | 22.8            | 9.1                 | 4.7              |
| Winnebago   | 1,851 | 1.7                   | 10.3                | 32.1                    | 24.8            | 17.9                | 13.1             |
| Wood        | 891   | 0.8                   | 11.1                | 35.7                    | 26.3            | 14.0                | 11.4             |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 190 births for which education of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table 11a. Number of Births by Education of Mother and Region, Wisconsin 2001**

|                          | Total         | Elementary<br>or Less | Some High<br>School | High School<br>Graduate | Some<br>College | College<br>Graduate | Post<br>Graduate |
|--------------------------|---------------|-----------------------|---------------------|-------------------------|-----------------|---------------------|------------------|
| <b>Total</b>             | <b>69,012</b> | <b>2,483</b>          | <b>8,810</b>        | <b>21,289</b>           | <b>16,545</b>   | <b>11,683</b>       | <b>8,012</b>     |
| <b>DHFS Regions</b>      |               |                       |                     |                         |                 |                     |                  |
| Southern                 | 12,114        | 331                   | 1,305               | 3,513                   | 2,976           | 2,192               | 1,755            |
| Southeastern             | 28,249        | 1,082                 | 4,675               | 8,107                   | 5,960           | 5,079               | 3,276            |
| Northeastern             | 14,326        | 414                   | 1,555               | 4,849                   | 3,716           | 2,303               | 1,478            |
| Western                  | 9,061         | 542                   | 769                 | 2,843                   | 2,532           | 1,390               | 933              |
| Northern                 | 5,262         | 114                   | 506                 | 1,977                   | 1,361           | 719                 | 570              |
| <b>Perinatal Regions</b> |               |                       |                     |                         |                 |                     |                  |
| South Central            | 13,965        | 418                   | 1,531               | 4,090                   | 3,423           | 2,504               | 1,952            |
| Southeast                | 27,538        | 1,028                 | 4,588               | 7,933                   | 5,787           | 4,941               | 3,193            |
| Fox Valley               | 7,009         | 185                   | 663                 | 2,404                   | 1,781           | 1,184               | 787              |
| Northeast                | 5,978         | 193                   | 738                 | 1,957                   | 1,609           | 920                 | 558              |
| Western                  | 7,733         | 367                   | 630                 | 2,386                   | 2,184           | 1,271               | 848              |
| North Central            | 5,410         | 288                   | 496                 | 2,008                   | 1,339           | 709                 | 561              |
| Northwest                | 1,379         | 4                     | 164                 | 511                     | 422             | 154                 | 113              |

**Table 11b. Percent of Births by Education of Mother and Region, Wisconsin 2001**

|                          | Total         | Elementary<br>or Less | Some High<br>School | High School<br>Graduate | Some<br>College | College<br>Graduate | Post<br>Graduate |
|--------------------------|---------------|-----------------------|---------------------|-------------------------|-----------------|---------------------|------------------|
| <b>Total</b>             | <b>69,012</b> | <b>3.6%</b>           | <b>12.8%</b>        | <b>30.8%</b>            | <b>24.0%</b>    | <b>16.9%</b>        | <b>11.6%</b>     |
| <b>DHFS Regions</b>      |               |                       |                     |                         |                 |                     |                  |
| Southern                 | 12,114        | 2.7                   | 10.8                | 29.0                    | 24.6            | 18.1                | 14.5             |
| Southeastern             | 28,249        | 3.8                   | 16.5                | 28.7                    | 21.1            | 18.0                | 11.6             |
| Northeastern             | 14,326        | 2.9                   | 10.9                | 33.8                    | 25.9            | 16.1                | 10.3             |
| Western                  | 9,061         | 6.0                   | 8.5                 | 31.4                    | 27.9            | 15.3                | 10.3             |
| Northern                 | 5,262         | 2.2                   | 9.6                 | 37.6                    | 25.9            | 13.7                | 10.8             |
| <b>Perinatal Regions</b> |               |                       |                     |                         |                 |                     |                  |
| South Central            | 13,965        | 3.0                   | 11.0                | 29.3                    | 24.5            | 17.9                | 14.0             |
| Southeast                | 27,538        | 3.7                   | 16.7                | 28.8                    | 21.0            | 17.9                | 11.6             |
| Fox Valley               | 7,009         | 2.6                   | 9.5                 | 34.3                    | 25.4            | 16.9                | 11.2             |
| Northeast                | 5,978         | 3.2                   | 12.3                | 32.7                    | 26.9            | 15.4                | 9.3              |
| Western                  | 7,733         | 4.7                   | 8.1                 | 30.9                    | 28.2            | 16.4                | 11.0             |
| North Central            | 5,410         | 5.3                   | 9.2                 | 37.1                    | 24.8            | 13.1                | 10.4             |
| Northwest                | 1,379         | 0.3                   | 11.9                | 37.1                    | 30.6            | 11.2                | 8.2              |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 190 births for which education of mother was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 98 and 99).

**Table 12a. Number of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2001**

| County       | Total         | <15       | 15-17        | 18-19        | 20-24        | 25-29        | 30-34        | 35-39      | 40+        |
|--------------|---------------|-----------|--------------|--------------|--------------|--------------|--------------|------------|------------|
| <b>Total</b> | <b>20,879</b> | <b>80</b> | <b>1,996</b> | <b>3,755</b> | <b>8,336</b> | <b>3,767</b> | <b>1,859</b> | <b>857</b> | <b>228</b> |
| Adams        | 56            | -         | 7            | 11           | 22           | 7            | 7            | 2          | -          |
| Ashland      | 58            | -         | n/s          | 12           | 25           | 11           | 5            | 2          | 1          |
| Barron       | 147           | n/s       | 12           | 34           | 67           | 22           | 7            | 1          | 2          |
| Bayfield     | 47            | -         | 5            | 9            | 14           | 11           | 4            | 2          | 2          |
| Brown        | 921           | n/s       | 97           | 153          | 344          | 183          | 85           | 47         | 10         |
| Buffalo      | 34            | -         | n/s          | 5            | 17           | 4            | 2            | 2          | -          |
| Burnett      | 72            | -         | n/s          | 16           | 32           | 13           | 3            | 4          | -          |
| Calumet      | 88            | -         | 8            | 17           | 38           | 14           | 6            | 3          | 2          |
| Chippewa     | 199           | -         | 17           | 43           | 85           | 26           | 18           | 6          | 3          |
| Clark        | 77            | -         | 7            | 19           | 28           | 12           | 6            | 4          | 1          |
| Columbia     | 129           | n/s       | 9            | 23           | 56           | 23           | 8            | 5          | 4          |
| Crawford     | 61            | -         | n/s          | 17           | 22           | 10           | 6            | 2          | 1          |
| Dane         | 1,343         | n/s       | 106          | 189          | 546          | 266          | 130          | 77         | 28         |
| Dodge        | 222           | n/s       | 21           | 47           | 89           | 35           | 20           | 7          | 2          |
| Door         | 49            | -         | n/s          | 10           | 22           | 7            | 5            | 1          | -          |
| Douglas      | 190           | -         | 18           | 32           | 75           | 36           | 20           | 9          | -          |
| Dunn         | 110           | n/s       | 5            | 24           | 44           | 24           | 12           | -          | -          |
| Eau Claire   | 301           | -         | 14           | 53           | 133          | 64           | 25           | 8          | 4          |
| Florence     | 3             | -         | -            | -            | 1            | 1            | -            | 1          | -          |
| Fond du Lac  | 288           | -         | 30           | 43           | 133          | 40           | 20           | 18         | 4          |
| Forest       | 51            | -         | n/s          | 10           | 21           | 9            | -            | 6          | n/s        |
| Grant        | 133           | -         | 11           | 22           | 54           | 21           | 16           | 8          | 1          |
| Green        | 97            | -         | 10           | 15           | 41           | 15           | 9            | 5          | 2          |
| Green Lake   | 46            | -         | 7            | 9            | 17           | 6            | 6            | 1          | -          |
| Iowa         | 69            | n/s       | -            | 18           | 27           | 15           | 5            | 3          | -          |
| Iron         | 9             | -         | -            | n/s          | 1            | 6            | 1            | -          | -          |
| Jackson      | 82            | -         | n/s          | 15           | 31           | 20           | 6            | 4          | 2          |
| Jefferson    | 205           | n/s       | 19           | 36           | 84           | 34           | 24           | 5          | 2          |
| Juneau       | 79            | -         | 11           | 13           | 29           | 15           | 8            | 3          | -          |
| Kenosha      | 701           | n/s       | 67           | 120          | 264          | 128          | 77           | 35         | 8          |
| Kewaunee     | 45            | -         | 5            | 4            | 19           | 6            | 8            | 2          | n/s        |
| La Crosse    | 324           | -         | 24           | 51           | 137          | 58           | 31           | 18         | 5          |
| Lafayette    | 49            | -         | n/s          | 13           | 18           | -            | 8            | 6          | n/s        |
| Langlade     | 66            | -         | 9            | 18           | 25           | 10           | 1            | 2          | n/s        |
| Lincoln      | 86            | -         | 3            | 16           | 43           | 14           | 7            | 1          | 2          |
| Manitowoc    | 244           | -         | 22           | 41           | 101          | 44           | 24           | 12         | -          |
| Marathon     | 308           | n/s       | 27           | 49           | 148          | 48           | 18           | 11         | 6          |
| Marinette    | 109           | -         | 12           | 25           | 44           | 14           | 11           | 3          | -          |
| Marquette    | 42            | n/s       | n/s          | 20           | 11           | 4            | -            | 3          | -          |
| Menominee    | 81            | n/s       | 13           | 13           | 33           | 10           | 8            | 2          | n/s        |
| Milwaukee    | 7,386         | 56        | 836          | 1,262        | 2,830        | 1,389        | 671          | 277        | 65         |
| Monroe       | 163           | n/s       | 12           | 31           | 72           | 23           | 13           | 7          | 4          |

**Table 12a. Number of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2001**

| County      | Total | <15 | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40+ |
|-------------|-------|-----|-------|-------|-------|-------|-------|-------|-----|
| Oconto      | 100   | -   | 10    | 19    | 45    | 15    | 10    | 1     | -   |
| Oneida      | 67    | -   | 5     | 14    | 26    | 14    | 4     | 4     | -   |
| Outagamie   | 451   | -   | 31    | 96    | 182   | 85    | 43    | 11    | 3   |
| Ozaukee     | 96    | -   | n/s   | 18    | 46    | 18    | 9     | 3     | -   |
| Pepin       | 14    | -   | n/s   | 4     | 2     | 3     | 1     | -     | 1   |
| Pierce      | 63    | -   | n/s   | 13    | 26    | 12    | 6     | 2     | 1   |
| Polk        | 135   | -   | 8     | 35    | 52    | 15    | 15    | 3     | 7   |
| Portage     | 168   | -   | 17    | 34    | 72    | 23    | 13    | 8     | n/s |
| Price       | 34    | -   | -     | 8     | 18    | 4     | 3     | 1     | -   |
| Racine      | 966   | n/s | 107   | 148   | 407   | 196   | 67    | 35    | 5   |
| Richland    | 48    | -   | n/s   | 13    | 18    | 10    | 4     | -     | -   |
| Rock        | 737   | n/s | 76    | 162   | 285   | 129   | 49    | 26    | 7   |
| Rusk        | 51    | -   | 6     | 8     | 20    | 10    | 2     | 2     | n/s |
| St. Croix   | 146   | -   | 14    | 22    | 58    | 26    | 16    | 10    | -   |
| Sauk        | 168   | -   | 15    | 44    | 53    | 31    | 16    | 8     | 1   |
| Sawyer      | 81    | n/s | 6     | 19    | 33    | 16    | 3     | 3     | -   |
| Shawano     | 129   | -   | 15    | 26    | 45    | 26    | 9     | 7     | 1   |
| Sheboygan   | 325   | -   | 29    | 74    | 148   | 39    | 21    | 10    | 4   |
| Taylor      | 47    | -   | n/s   | 12    | 20    | 8     | 2     | 1     | 1   |
| Trempealeau | 89    | -   | 4     | 17    | 39    | 12    | 12    | 5     | -   |
| Vernon      | 69    | -   | 9     | 10    | 23    | 15    | 8     | 3     | 1   |
| Vilas       | 63    | -   | n/s   | 14    | 27    | 5     | 8     | 7     | -   |
| Walworth    | 282   | -   | 26    | 65    | 104   | 44    | 29    | 11    | 3   |
| Washburn    | 42    | -   | 5     | 7     | 17    | 9     | 3     | -     | n/s |
| Washington  | 251   | -   | 19    | 49    | 97    | 47    | 21    | 13    | 5   |
| Waukesha    | 565   | n/s | 36    | 82    | 233   | 109   | 58    | 37    | 9   |
| Waupaca     | 173   | -   | 12    | 35    | 71    | 29    | 18    | 5     | 3   |
| Waushara    | 62    | n/s | 8     | 18    | 21    | 4     | 8     | 1     | 1   |
| Winnebago   | 446   | -   | 26    | 78    | 199   | 77    | 44    | 21    | 1   |
| Wood        | 241   | n/s | 21    | 52    | 106   | 38    | 16    | 4     | 3   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals is 1 birth for which age of mother was not reported.  
A dash (-) indicates that there were no births to unmarried women in this age group.  
An n/s indicates that births to unmarried women are not shown, and at least one but fewer than five *total* births (to married and unmarried mothers) occurred in the age group (see Table 6a).

**Table 12b. Percent of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2001**

| County       | Total         | <15         | 15-17       | 18-19        | 20-24        | 25-29        | 30-34       | 35-39       | 40+         |
|--------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| <b>Total</b> | <b>20,879</b> | <b>0.4%</b> | <b>9.6%</b> | <b>18.0%</b> | <b>39.9%</b> | <b>18.0%</b> | <b>8.9%</b> | <b>4.1%</b> | <b>1.1%</b> |
| Adams        | 56            | -           | 12.5        | 19.6         | 39.3         | 12.5         | 12.5        | 3.6         | -           |
| Ashland      | 58            | -           | n/s         | 20.7         | 43.1         | 19.0         | 8.6         | 3.4         | 1.7         |
| Barron       | 147           | n/s         | 8.2         | 23.1         | 45.6         | 15.0         | 4.8         | 0.7         | 1.4         |
| Bayfield     | 47            | -           | 10.6        | 19.1         | 29.8         | 23.4         | 8.5         | 4.3         | 4.3         |
| Brown        | 921           | n/s         | 10.5        | 16.6         | 37.4         | 19.9         | 9.2         | 5.1         | 1.1         |
| Buffalo      | 34            | -           | n/s         | 14.7         | 50.0         | 11.8         | 5.9         | 5.9         | -           |
| Burnett      | 72            | -           | n/s         | 22.2         | 44.4         | 18.1         | 4.2         | 5.6         | -           |
| Calumet      | 88            | -           | 9.1         | 19.3         | 43.2         | 15.9         | 6.8         | 3.4         | 2.3         |
| Chippewa     | 199           | -           | 8.5         | 21.6         | 42.7         | 13.1         | 9.0         | 3.0         | 1.5         |
| Clark        | 77            | -           | 9.1         | 24.7         | 36.4         | 15.6         | 7.8         | 5.2         | 1.3         |
| Columbia     | 129           | n/s         | 7.0         | 17.8         | 43.4         | 17.8         | 6.2         | 3.9         | 3.1         |
| Crawford     | 61            | -           | n/s         | 27.9         | 36.1         | 16.4         | 9.8         | 3.3         | 1.6         |
| Dane         | 1,343         | n/s         | 7.9         | 14.1         | 40.7         | 19.8         | 9.7         | 5.7         | 2.1         |
| Dodge        | 222           | n/s         | 9.5         | 21.2         | 40.1         | 15.8         | 9.0         | 3.2         | 0.9         |
| Door         | 49            | -           | n/s         | 20.4         | 44.9         | 14.3         | 10.2        | 2.0         | -           |
| Douglas      | 190           | -           | 9.5         | 16.8         | 39.5         | 18.9         | 10.5        | 4.7         | -           |
| Dunn         | 110           | n/s         | 4.5         | 21.8         | 40.0         | 21.8         | 10.9        | -           | -           |
| Eau Claire   | 301           | -           | 4.7         | 17.6         | 44.2         | 21.3         | 8.3         | 2.7         | 1.3         |
| Florence     | 3             | -           | -           | -            | 33.3         | 33.3         | -           | 33.3        | -           |
| Fond du Lac  | 288           | -           | 10.4        | 14.9         | 46.2         | 13.9         | 6.9         | 6.3         | 1.4         |
| Forest       | 51            | -           | 7.8         | 19.6         | 41.2         | 17.6         | -           | 11.8        | 2.0         |
| Grant        | 133           | -           | 8.3         | 16.5         | 40.6         | 15.8         | 12.0        | 6.0         | 0.8         |
| Green        | 97            | -           | 10.3        | 15.5         | 42.3         | 15.5         | 9.3         | 5.2         | 2.1         |
| Green Lake   | 46            | -           | 15.2        | 19.6         | 37.0         | 13.0         | 13.0        | 2.2         | -           |
| Iowa         | 69            | n/s         | -           | 26.1         | 39.1         | 21.7         | 7.2         | 4.3         | -           |
| Iron         | 9             | -           | -           | n/s          | 11.1         | 66.7         | 11.1        | -           | -           |
| Jackson      | 82            | -           | n/s         | 18.3         | 37.8         | 24.4         | 7.3         | 4.9         | 2.4         |
| Jefferson    | 205           | n/s         | 9.3         | 17.6         | 41.0         | 16.6         | 11.7        | 2.4         | 1.0         |
| Juneau       | 79            | -           | 13.9        | 16.5         | 36.7         | 19.0         | 10.1        | 3.8         | -           |
| Kenosha      | 701           | n/s         | 9.6         | 17.1         | 37.7         | 18.3         | 11.0        | 5.0         | 1.1         |
| Kewaunee     | 45            | -           | 11.1        | 8.9          | 42.2         | 13.3         | 17.8        | 4.4         | n/s         |
| La Crosse    | 324           | -           | 7.4         | 15.7         | 42.3         | 17.9         | 9.6         | 5.6         | 1.5         |
| Lafayette    | 49            | -           | n/s         | 26.5         | 36.7         | -            | 16.3        | 12.2        | n/s         |
| Langlade     | 66            | -           | 13.6        | 27.3         | 37.9         | 15.2         | 1.5         | 3.0         | n/s         |
| Lincoln      | 86            | -           | 3.5         | 18.6         | 50.0         | 16.3         | 8.1         | 1.2         | 2.3         |
| Manitowoc    | 244           | -           | 9.0         | 16.8         | 41.4         | 18.0         | 9.8         | 4.9         | -           |
| Marathon     | 308           | n/s         | 8.8         | 15.9         | 48.1         | 15.6         | 5.8         | 3.6         | 1.9         |
| Marinette    | 109           | -           | 11.0        | 22.9         | 40.4         | 12.8         | 10.1        | 2.8         | -           |
| Marquette    | 42            | n/s         | n/s         | 47.6         | 26.2         | 9.5          | -           | 7.1         | -           |
| Menominee    | 81            | n/s         | 16.0        | 16.0         | 40.7         | 12.3         | 9.9         | 2.5         | n/s         |
| Milwaukee    | 7,386         | 0.8         | 11.3        | 17.1         | 38.3         | 18.8         | 9.1         | 3.8         | 0.9         |
| Monroe       | 163           | n/s         | 7.4         | 19.0         | 44.2         | 14.1         | 8.0         | 4.3         | 2.5         |

(Continued)

**Table 12b. Percent of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2001**

| County      | Total | <15 | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40+ |
|-------------|-------|-----|-------|-------|-------|-------|-------|-------|-----|
| Oconto      | 100   | -   | 10.0  | 19.0  | 45.0  | 15.0  | 10.0  | 1.0   | -   |
| Oneida      | 67    | -   | 7.5   | 20.9  | 38.8  | 20.9  | 6.0   | 6.0   | -   |
| Outagamie   | 451   | -   | 6.9   | 21.3  | 40.4  | 18.8  | 9.5   | 2.4   | 0.7 |
| Ozaukee     | 96    | -   | n/s   | 18.8  | 47.9  | 18.8  | 9.4   | 3.1   | -   |
| Pepin       | 14    | -   | n/s   | 28.6  | 14.3  | 21.4  | 7.1   | -     | 7.1 |
| Pierce      | 63    | -   | n/s   | 20.6  | 41.3  | 19.0  | 9.5   | 3.2   | 1.6 |
| Polk        | 135   | -   | 5.9   | 25.9  | 38.5  | 11.1  | 11.1  | 2.2   | 5.2 |
| Portage     | 168   | -   | 10.1  | 20.2  | 42.9  | 13.7  | 7.7   | 4.8   | 0.6 |
| Price       | 34    | -   | -     | 23.5  | 52.9  | 11.8  | 8.8   | 2.9   | -   |
| Racine      | 966   | n/s | 11.1  | 15.3  | 42.1  | 20.3  | 6.9   | 3.6   | 0.5 |
| Richland    | 48    | -   | n/s   | 27.1  | 37.5  | 20.8  | 8.3   | -     | -   |
| Rock        | 737   | n/s | 10.3  | 22.0  | 38.7  | 17.5  | 6.6   | 3.5   | 0.9 |
| Rusk        | 51    | -   | 11.8  | 15.7  | 39.2  | 19.6  | 3.9   | 3.9   | 5.9 |
| St. Croix   | 146   | -   | 9.6   | 15.1  | 39.7  | 17.8  | 11.0  | 6.8   | -   |
| Sauk        | 168   | -   | 8.9   | 26.2  | 31.5  | 18.5  | 9.5   | 4.8   | 0.6 |
| Sawyer      | 81    | n/s | 7.4   | 23.5  | 40.7  | 19.8  | 3.7   | 3.7   | -   |
| Shawano     | 129   | -   | 11.6  | 20.2  | 34.9  | 20.2  | 7.0   | 5.4   | 0.8 |
| Sheboygan   | 325   | -   | 8.9   | 22.8  | 45.5  | 12.0  | 6.5   | 3.1   | 1.2 |
| Taylor      | 47    | -   | n/s   | 25.5  | 42.6  | 17.0  | 4.3   | 2.1   | 2.1 |
| Trempealeau | 89    | -   | 4.5   | 19.1  | 43.8  | 13.5  | 13.5  | 5.6   | -   |
| Vernon      | 69    | -   | 13.0  | 14.5  | 33.3  | 21.7  | 11.6  | 4.3   | 1.4 |
| Vilas       | 63    | -   | n/s   | 22.2  | 42.9  | 7.9   | 12.7  | 11.1  | -   |
| Walworth    | 282   | -   | 9.2   | 23.0  | 36.9  | 15.6  | 10.3  | 3.9   | 1.1 |
| Washburn    | 42    | -   | 11.9  | 16.7  | 40.5  | 21.4  | 7.1   | -     | 2.4 |
| Washington  | 251   | -   | 7.6   | 19.5  | 38.6  | 18.7  | 8.4   | 5.2   | 2.0 |
| Waukesha    | 565   | n/s | 6.4   | 14.5  | 41.2  | 19.3  | 10.3  | 6.5   | 1.6 |
| Waupaca     | 173   | -   | 6.9   | 20.2  | 41.0  | 16.8  | 10.4  | 2.9   | 1.7 |
| Waushara    | 62    | n/s | 12.9  | 29.0  | 33.9  | 6.5   | 12.9  | 1.6   | 1.6 |
| Winnebago   | 446   | -   | 5.8   | 17.5  | 44.6  | 17.3  | 9.9   | 4.7   | 0.2 |
| Wood        | 241   | n/s | 8.7   | 21.6  | 44.0  | 15.8  | 6.6   | 1.7   | 1.2 |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals is 1 birth for which age of mother was not reported.  
A dash (-) indicates that there were no births to unmarried women in this age group.  
An n/s indicates that births to unmarried women are not shown, and at least one but fewer than five *total* births (to married and unmarried mothers) occurred in the age group (see Table 6a).

**Table 13a. Births to Unmarried Mothers by Age and Region, Wisconsin 2001**

|                          | Total         | <15       | 15-17        | 18-19        | 20-24        | 25-29        | 30-34        | 35-39      | 40+        |
|--------------------------|---------------|-----------|--------------|--------------|--------------|--------------|--------------|------------|------------|
| <b>Total</b>             | <b>20,879</b> | <b>80</b> | <b>1,996</b> | <b>3,755</b> | <b>8,336</b> | <b>3,767</b> | <b>1,859</b> | <b>857</b> | <b>228</b> |
| <b>DHFS Regions</b>      |               |           |              |              |              |              |              |            |            |
| Southern                 | 3,191         | 7         | 275          | 587          | 1,260        | 577          | 286          | 152        | 47         |
| Southeastern             | 10,452        | 61        | 1,112        | 1,780        | 4,065        | 1,965        | 956          | 416        | 97         |
| Northeastern             | 3,599         | 5         | 332          | 681          | 1,473        | 603          | 326          | 148        | 31         |
| Western                  | 2,308         | n/s       | 173          | 439          | 958          | 404          | 206          | 88         | 35         |
| Northern                 | 1,329         | n/s       | 104          | 268          | 580          | 218          | 85           | 53         | 18         |
| <b>Perinatal Regions</b> |               |           |              |              |              |              |              |            |            |
| South Central            | 3,617         | 8         | 317          | 671          | 1,426        | 645          | 333          | 166        | 51         |
| Southeast                | 10,290        | 60        | 1,096        | 1,753        | 4,025        | 1,926        | 924          | 410        | 96         |
| Fox Valley               | 1,596         | n/s       | 125          | 316          | 672          | 259          | 145          | 63         | 14         |
| Northeast                | 1,678         | n/s       | 178          | 291          | 653          | 305          | 160          | 75         | 13         |
| Western                  | 1,937         | n/s       | 136          | 374          | 808          | 334          | 178          | 71         | 31         |
| North Central            | 1,262         | n/s       | 104          | 254          | 555          | 196          | 80           | 52         | 19         |
| Northwest                | 499           | n/s       | 40           | 96           | 197          | 102          | 39           | 20         | 4          |

**Table 13b. Percent of Births to Unmarried Mothers by Age and Region, Wisconsin 2001**

|                          | Total         | <15         | 15-17       | 18-19        | 20-24        | 25-29        | 30-34       | 35-39       | 40+         |
|--------------------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| <b>Total</b>             | <b>20,879</b> | <b>0.4%</b> | <b>9.6%</b> | <b>18.0%</b> | <b>39.9%</b> | <b>18.0%</b> | <b>8.9%</b> | <b>4.1%</b> | <b>1.1%</b> |
| <b>DHFS Regions</b>      |               |             |             |              |              |              |             |             |             |
| Southern                 | 3,191         | 0.2         | 8.6         | 18.4         | 39.5         | 18.1         | 9.0         | 4.8         | 1.5         |
| Southeastern             | 10,452        | 0.6         | 10.6        | 17.0         | 38.9         | 18.8         | 9.1         | 4.0         | 0.9         |
| Northeastern             | 3,599         | 0.1         | 9.2         | 18.9         | 40.9         | 16.8         | 9.1         | 4.1         | 0.9         |
| Western                  | 2,308         | n/s         | 7.5         | 19.0         | 41.5         | 17.5         | 8.9         | 3.8         | 1.5         |
| Northern                 | 1,329         | n/s         | 7.8         | 20.2         | 43.6         | 16.4         | 6.4         | 4.0         | 1.4         |
| <b>Perinatal Regions</b> |               |             |             |              |              |              |             |             |             |
| South Central            | 3,617         | 0.2         | 8.8         | 18.6         | 39.4         | 17.8         | 9.2         | 4.6         | 1.4         |
| Southeast                | 10,290        | 0.6         | 10.7        | 17.0         | 39.1         | 18.7         | 9.0         | 4.0         | 0.9         |
| Fox Valley               | 1,596         | n/s         | 7.8         | 19.8         | 42.1         | 16.2         | 9.1         | 3.9         | 0.9         |
| Northeast                | 1,678         | n/s         | 10.6        | 17.3         | 38.9         | 18.2         | 9.5         | 4.5         | 0.8         |
| Western                  | 1,937         | n/s         | 7.0         | 19.3         | 41.7         | 17.2         | 9.2         | 3.7         | 1.6         |
| North Central            | 1,262         | n/s         | 8.2         | 20.1         | 44.0         | 15.5         | 6.3         | 4.1         | 1.5         |
| Northwest                | 499           | n/s         | 8.0         | 19.2         | 39.5         | 20.4         | 7.8         | 4.0         | 0.8         |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals is 1 birth for which age of mother was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 98 and 99). An n/s indicates that births to unmarried women are not shown, and at least one but fewer than five *total* births (to married and unmarried mothers) occurred in the age group (see Table 6a).

**Table 14. Births by Trimester Prenatal Care Began and County of Residence, Wisconsin 2001**

| County       | Total         | Trimester Prenatal Care Began |              |              |            | Percent That Received First-Trimester Care |              |              |
|--------------|---------------|-------------------------------|--------------|--------------|------------|--|--------------|--------------|
|              |               | First                         | Second       | Third        | No Care    | 2001                                       | 2000         | 1999         |
| <b>Total</b> | <b>69,012</b> | <b>57,747</b>                 | <b>8,830</b> | <b>1,715</b> | <b>550</b> | <b>83.7%</b>                               | <b>83.9%</b> | <b>83.9%</b> |
| Adams        | 179           | 135                           | 27           | 13           | 3          | 75.4                                       | 74.7         | 74.9         |
| Ashland      | 190           | 153                           | 31           | 4            | 2          | 80.5                                       | 83.5         | 79.5         |
| Barron       | 472           | 384                           | 51           | 28           | 6          | 81.4                                       | 84.5         | 86.4         |
| Bayfield     | 135           | 114                           | 17           | 2            | 1          | 84.4                                       | 85.1         | 77.3         |
| Brown        | 3,232         | 2,721                         | 429          | 58           | 19         | 84.2                                       | 84.9         | 86.4         |
| Buffalo      | 143           | 119                           | 16           | 8            | -          | 83.2                                       | 80.4         | 83.0         |
| Burnett      | 155           | 118                           | 27           | 4            | 2          | 76.1                                       | 77.9         | 84.2         |
| Calumet      | 597           | 539                           | 52           | 4            | 1          | 90.3                                       | 87.9         | 89.9         |
| Chippewa     | 672           | 557                           | 95           | 16           | 3          | 82.9                                       | 85.9         | 87.1         |
| Clark        | 518           | 310                           | 156          | 41           | 10         | 59.8                                       | 63.5         | 64.3         |
| Columbia     | 651           | 557                           | 80           | 10           | 1          | 85.6                                       | 85.7         | 87.0         |
| Crawford     | 199           | 147                           | 42           | 6            | 4          | 73.9                                       | 74.3         | 70.3         |
| Dane         | 5,520         | 4,879                         | 543          | 74           | 19         | 88.4                                       | 88.4         | 88.0         |
| Dodge        | 926           | 815                           | 94           | 15           | 1          | 88.0                                       | 86.8         | 85.8         |
| Door         | 262           | 232                           | 25           | 3            | 1          | 88.5                                       | 85.8         | 88.7         |
| Douglas      | 513           | 443                           | 56           | 12           | 1          | 86.4                                       | 87.1         | 85.9         |
| Dunn         | 445           | 354                           | 69           | 15           | 4          | 79.6                                       | 81.6         | 80.3         |
| Eau Claire   | 1,146         | 951                           | 152          | 30           | 12         | 83.0                                       | 83.4         | 84.4         |
| Florence     | 40            | 36                            | 4            | -            | -          | 90.0                                       | 88.9         | 85.7         |
| Fond du Lac  | 1,091         | 893                           | 148          | 50           | -          | 81.9                                       | 85.3         | 87.8         |
| Forest       | 100           | 82                            | 16           | -            | 2          | 82.0                                       | 86.8         | 80.7         |
| Grant        | 547           | 428                           | 95           | 16           | 3          | 78.2                                       | 79.4         | 80.9         |
| Green        | 397           | 353                           | 35           | 5            | 2          | 88.9                                       | 88.8         | 88.0         |
| Green Lake   | 230           | 167                           | 47           | 13           | 1          | 72.6                                       | 69.9         | 78.0         |
| Iowa         | 310           | 276                           | 26           | 5            | 2          | 89.0                                       | 85.9         | 87.9         |
| Iron         | 48            | 46                            | 2            | -            | -          | 95.8                                       | 85.0         | 90.0         |
| Jackson      | 205           | 150                           | 39           | 7            | 3          | 73.2                                       | 78.1         | 73.2         |
| Jefferson    | 914           | 806                           | 88           | 18           | 2          | 88.2                                       | 86.7         | 82.6         |
| Juneau       | 252           | 197                           | 50           | 1            | 3          | 78.2                                       | 74.5         | 70.2         |
| Kenosha      | 2,119         | 1,753                         | 280          | 53           | 26         | 82.7                                       | 82.5         | 81.8         |
| Kewaunee     | 243           | 228                           | 13           | 2            | -          | 93.8                                       | 86.6         | 91.7         |
| La Crosse    | 1,260         | 1,076                         | 151          | 27           | 5          | 85.4                                       | 83.5         | 85.1         |
| Lafayette    | 200           | 164                           | 30           | 4            | 1          | 82.0                                       | 87.4         | 83.4         |
| Langlade     | 213           | 181                           | 29           | 3            | -          | 85.0                                       | 84.7         | 77.5         |
| Lincoln      | 329           | 286                           | 33           | 8            | -          | 86.9                                       | 84.0         | 86.0         |
| Manitowoc    | 908           | 778                           | 107          | 17           | 6          | 85.7                                       | 85.6         | 89.4         |
| Marathon     | 1,534         | 1,185                         | 303          | 40           | 6          | 77.2                                       | 78.8         | 78.4         |
| Marinette    | 386           | 320                           | 51           | 9            | 5          | 82.9                                       | 78.6         | 83.7         |
| Marquette    | 162           | 125                           | 29           | 6            | 2          | 77.2                                       | 74.7         | 81.3         |
| Menominee    | 93            | 64                            | 19           | 9            | 1          | 68.8                                       | 64.5         | 72.2         |
| Milwaukee    | 14,727        | 11,674                        | 2,306        | 491          | 231        | 79.3                                       | 79.5         | 79.7         |
| Monroe       | 593           | 447                           | 81           | 42           | 22         | 75.4                                       | 75.7         | 73.5         |

(Continued)

**Table 14. Births by Trimester Prenatal Care Began and County of Residence, Wisconsin 2001**

| County      | Total | Trimester Prenatal Care Began |        |       |         | Percent That Received First-Trimester Care |      |      |
|-------------|-------|-------------------------------|--------|-------|---------|--|------|------|
|             |       | First                         | Second | Third | No Care | 2001                                       | 2000 | 1999 |
| Oconto      | 392   | 343                           | 44     | 4     | 1       | 87.5                                       | 90.6 | 85.2 |
| Oneida      | 278   | 250                           | 22     | 4     | 1       | 89.9                                       | 89.9 | 87.9 |
| Outagamie   | 2,244 | 1,888                         | 309    | 38    | 8       | 84.1                                       | 85.9 | 84.4 |
| Ozaukee     | 867   | 832                           | 27     | 4     | 3       | 96.0                                       | 94.1 | 93.0 |
| Pepin       | 88    | 62                            | 9      | 16    | -       | 70.5                                       | 79.7 | 66.3 |
| Pierce      | 383   | 322                           | 50     | 4     | 2       | 84.1                                       | 82.0 | 80.5 |
| Polk        | 508   | 424                           | 57     | 16    | 7       | 83.5                                       | 84.8 | 80.9 |
| Portage     | 743   | 621                           | 108    | 10    | 3       | 83.6                                       | 84.7 | 81.5 |
| Price       | 139   | 123                           | 11     | 4     | -       | 88.5                                       | 89.6 | 83.0 |
| Racine      | 2,581 | 2,071                         | 352    | 106   | 34      | 80.2                                       | 80.8 | 82.9 |
| Richland    | 204   | 164                           | 31     | 7     | 2       | 80.4                                       | 75.6 | 76.2 |
| Rock        | 2,028 | 1,745                         | 234    | 33    | 7       | 86.0                                       | 87.7 | 84.5 |
| Rusk        | 185   | 144                           | 37     | 3     | -       | 77.8                                       | 80.4 | 75.0 |
| St. Croix   | 912   | 802                           | 83     | 7     | 4       | 87.9                                       | 84.9 | 87.4 |
| Sauk        | 701   | 585                           | 87     | 24    | 4       | 83.5                                       | 81.1 | 83.8 |
| Sawyer      | 182   | 142                           | 32     | 5     | -       | 78.0                                       | 78.0 | 80.7 |
| Shawano     | 462   | 393                           | 57     | 7     | 5       | 85.1                                       | 82.3 | 81.5 |
| Sheboygan   | 1,339 | 1,129                         | 185    | 20    | 5       | 84.3                                       | 86.8 | 86.1 |
| Taylor      | 246   | 186                           | 52     | 6     | 1       | 75.6                                       | 80.6 | 79.5 |
| Trempealeau | 330   | 274                           | 38     | 13    | 1       | 83.0                                       | 86.0 | 79.4 |
| Vernon      | 377   | 235                           | 69     | 64    | 7       | 62.3                                       | 65.9 | 67.4 |
| Vilas       | 194   | 169                           | 15     | 6     | 2       | 87.1                                       | 83.9 | 85.3 |
| Walworth    | 1,136 | 934                           | 173    | 26    | 3       | 82.2                                       | 81.2 | 80.2 |
| Washburn    | 156   | 121                           | 25     | 6     | 2       | 77.6                                       | 80.4 | 79.4 |
| Washington  | 1,484 | 1,381                         | 86     | 14    | 2       | 93.1                                       | 91.1 | 91.3 |
| Waukesha    | 4,421 | 4,183                         | 193    | 27    | 14      | 94.6                                       | 95.1 | 95.5 |
| Waupaca     | 602   | 492                           | 88     | 18    | 3       | 81.7                                       | 83.1 | 83.0 |
| Waushara    | 232   | 174                           | 45     | 9     | 2       | 75.0                                       | 72.4 | 77.4 |
| Winnebago   | 1,851 | 1,587                         | 233    | 26    | 5       | 85.7                                       | 85.8 | 87.1 |
| Wood        | 891   | 728                           | 134    | 19    | 9       | 81.7                                       | 80.8 | 79.0 |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 170 births for which prenatal care initiation was not reported. A dash (-) indicates that there were no births in that category.

**Table 15. Births by Trimester Prenatal Care Began and Region, Wisconsin 2001**

|                          | Total         | Trimester<br>Prenatal Care Began |              |              |            | Percent That Received<br>First-Trimester Care |              |              |
|--------------------------|---------------|----------------------------------|--------------|--------------|------------|---|--------------|--------------|
|                          |               | First                            | Second       | Third        | No Care    | 2001  | 2000         | 1999         |
| <b>Total</b>             | <b>69,012</b> | <b>57,747</b>                    | <b>8,830</b> | <b>1,715</b> | <b>550</b> | <b>83.7%</b>                                  | <b>83.9%</b> | <b>83.9%</b> |
| <b>DHFS Regions</b>      |               |                                  |              |              |            |   |              |              |
| Southern                 | 12,114        | 10,445                           | 1,374        | 213          | 52         | 86.2  | 86.2         | 85.4         |
| Southeastern             | 28,249        | 23,634                           | 3,505        | 739          | 315        | 83.7  | 83.6         | 83.7         |
| Northeastern             | 14,326        | 12,073                           | 1,881        | 293          | 65         | 84.3  | 84.7         | 85.9         |
| Western                  | 9,061         | 7,293                            | 1,261        | 359          | 91         | 80.5  | 81.3         | 81.2         |
| Northern                 | 5,262         | 4,302                            | 809          | 111          | 27         | 81.8  | 82.3         | 80.6         |
| <b>Perinatal Regions</b> |               |                                  |              |              |            |   |              |              |
| South Central            | 13,965        | 12,038                           | 1,593        | 251          | 53         | 86.2  | 86.0         | 85.0         |
| Southeast                | 27,538        | 23,023                           | 3,429        | 715          | 315        | 83.6  | 83.8         | 84.0         |
| Fox Valley               | 7,009         | 5,865                            | 951          | 164          | 22         | 83.7  | 84.6         | 85.5         |
| Northeast                | 5,978         | 5,079                            | 745          | 109          | 38         | 85.0  | 84.4         | 86.3         |
| Western                  | 7,733         | 6,304                            | 1,002        | 299          | 80         | 81.5  | 81.9         | 81.9         |
| North Central            | 5,410         | 4,301                            | 920          | 144          | 34         | 79.5  | 80.5         | 79.0         |
| Northwest                | 1,379         | 1,137                            | 190          | 33           | 8          | 82.5  | 83.4         | 82.4         |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 170 births for which prenatal care initiation was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 98 and 99).

**Table 16. Births by Number of Prenatal Care Visits and County of Residence, Wisconsin 2001**

| County       | Total         | Number of Prenatal Care Visits |              |               |               |               | Percent of Births<br>With <10 Visits |
|--------------|---------------|--------------------------------|--------------|---------------|---------------|---------------|--------------------------------------|
|              |               | No Visits                      | 1-4          | 5-9           | 10-12         | 13+           |                                      |
| <b>Total</b> | <b>69,012</b> | <b>549</b>                     | <b>1,994</b> | <b>12,624</b> | <b>30,219</b> | <b>23,383</b> | <b>22.0%</b>                         |
| Adams        | 179           | 3                              | 7            | 43            | 80            | 45            | 29.6                                 |
| Ashland      | 190           | 2                              | 8            | 45            | 69            | 66            | 28.9                                 |
| Barron       | 472           | 6                              | 11           | 87            | 204           | 162           | 22.0                                 |
| Bayfield     | 135           | 1                              | 2            | 22            | 62            | 47            | 18.5                                 |
| Brown        | 3,232         | 19                             | 65           | 471           | 1,271         | 1,402         | 17.2                                 |
| Buffalo      | 143           | -                              | 7            | 22            | 67            | 47            | 20.3                                 |
| Burnett      | 155           | 2                              | 4            | 58            | 64            | 25            | 41.3                                 |
| Calumet      | 597           | 1                              | 5            | 118           | 296           | 177           | 20.8                                 |
| Chippewa     | 672           | 3                              | 37           | 283           | 212           | 135           | 48.1                                 |
| Clark        | 518           | 10                             | 68           | 182           | 160           | 96            | 50.2                                 |
| Columbia     | 651           | 1                              | 12           | 121           | 289           | 225           | 20.6                                 |
| Crawford     | 199           | 4                              | 6            | 69            | 95            | 25            | 39.7                                 |
| Dane         | 5,520         | 19                             | 82           | 949           | 2,791         | 1,673         | 19.0                                 |
| Dodge        | 926           | 1                              | 16           | 133           | 449           | 326           | 16.2                                 |
| Door         | 262           | 1                              | 4            | 37            | 128           | 90            | 16.0                                 |
| Douglas      | 513           | 1                              | 18           | 117           | 257           | 119           | 26.5                                 |
| Dunn         | 445           | 4                              | 17           | 106           | 181           | 134           | 28.5                                 |
| Eau Claire   | 1,146         | 12                             | 43           | 204           | 441           | 445           | 22.6                                 |
| Florence     | 40            | -                              | 1            | 8             | 14            | 17            | 22.5                                 |
| Fond du Lac  | 1,091         | -                              | 59           | 402           | 426           | 203           | 42.3                                 |
| Forest       | 100           | 2                              | -            | 21            | 47            | 30            | 23.0                                 |
| Grant        | 547           | 3                              | 25           | 139           | 251           | 127           | 30.5                                 |
| Green        | 397           | 2                              | 5            | 46            | 166           | 178           | 13.4                                 |
| Green Lake   | 230           | 1                              | 8            | 55            | 77            | 89            | 27.8                                 |
| Iowa         | 310           | 2                              | 6            | 75            | 143           | 83            | 26.8                                 |
| Iron         | 48            | -                              | -            | 5             | 17            | 26            | 10.4                                 |
| Jackson      | 205           | 3                              | 6            | 51            | 65            | 75            | 29.3                                 |
| Jefferson    | 914           | 2                              | 18           | 141           | 481           | 271           | 17.6                                 |
| Juneau       | 252           | 3                              | 7            | 59            | 121           | 61            | 27.4                                 |
| Kenosha      | 2,119         | 25                             | 37           | 300           | 865           | 879           | 17.1                                 |
| Kewaunee     | 243           | -                              | 2            | 31            | 102           | 108           | 13.6                                 |
| La Crosse    | 1,260         | 5                              | 22           | 339           | 472           | 419           | 29.0                                 |
| Lafayette    | 200           | 1                              | 12           | 40            | 69            | 77            | 26.5                                 |
| Langlade     | 213           | -                              | 7            | 33            | 118           | 55            | 18.8                                 |
| Lincoln      | 329           | -                              | 8            | 54            | 150           | 117           | 18.8                                 |
| Manitowoc    | 908           | 6                              | 12           | 134           | 469           | 286           | 16.7                                 |
| Marathon     | 1,534         | 6                              | 62           | 523           | 654           | 289           | 38.5                                 |
| Marinette    | 386           | 5                              | 7            | 42            | 145           | 186           | 14.0                                 |
| Marquette    | 162           | 2                              | 5            | 31            | 67            | 57            | 23.5                                 |
| Menominee    | 93            | 1                              | 11           | 39            | 26            | 14            | 54.8                                 |
| Milwaukee    | 14,727        | 231                            | 657          | 2,822         | 6,151         | 4,814         | 25.2                                 |
| Monroe       | 593           | 22                             | 63           | 112           | 195           | 198           | 33.2                                 |

(Continued)

**Table 16. Births by Number of Prenatal Care Visits and County of Residence, Wisconsin 2001**

| County      | Total | Number of Prenatal Care Visits |     |     |       |       | Percent of Births |
|-------------|-------|--------------------------------|-----|-----|-------|-------|-------------------|
|             |       | No Visits                      | 1-4 | 5-9 | 10-12 | 13+   | With <10 Visits   |
| Oconto      | 392   | 1                              | 2   | 57  | 154   | 177   | 15.3              |
| Oneida      | 278   | 1                              | 5   | 37  | 116   | 119   | 15.5              |
| Outagamie   | 2,244 | 8                              | 38  | 454 | 1,162 | 581   | 22.3              |
| Ozaukee     | 867   | 3                              | 5   | 65  | 449   | 344   | 8.4               |
| Pepin       | 88    | -                              | 18  | 13  | 23    | 33    | 35.2              |
| Pierce      | 383   | 2                              | 5   | 103 | 187   | 81    | 28.7              |
| Polk        | 508   | 7                              | 17  | 99  | 217   | 163   | 24.2              |
| Portage     | 743   | 3                              | 11  | 150 | 349   | 228   | 22.1              |
| Price       | 139   | -                              | 2   | 35  | 63    | 39    | 26.6              |
| Racine      | 2,581 | 34                             | 53  | 413 | 1,102 | 947   | 19.4              |
| Richland    | 204   | 2                              | 7   | 59  | 71    | 65    | 33.3              |
| Rock        | 2,028 | 7                              | 33  | 236 | 1,139 | 604   | 13.6              |
| Rusk        | 185   | -                              | 11  | 70  | 80    | 23    | 43.8              |
| St. Croix   | 912   | 4                              | 13  | 210 | 384   | 283   | 24.9              |
| Sauk        | 701   | 4                              | 21  | 138 | 307   | 231   | 23.3              |
| Sawyer      | 182   | -                              | 10  | 71  | 69    | 32    | 44.5              |
| Shawano     | 462   | 5                              | 18  | 82  | 207   | 149   | 22.7              |
| Sheboygan   | 1,339 | 5                              | 21  | 223 | 648   | 440   | 18.6              |
| Taylor      | 246   | 1                              | 12  | 66  | 84    | 81    | 32.1              |
| Trempealeau | 330   | 1                              | 13  | 67  | 132   | 113   | 24.5              |
| Vernon      | 377   | 7                              | 85  | 86  | 90    | 108   | 47.2              |
| Vilas       | 194   | 2                              | 10  | 34  | 79    | 69    | 23.7              |
| Walworth    | 1,136 | 3                              | 22  | 209 | 594   | 307   | 20.6              |
| Washburn    | 156   | 2                              | 8   | 48  | 63    | 34    | 37.2              |
| Washington  | 1,484 | 2                              | 9   | 85  | 538   | 845   | 6.5               |
| Waukesha    | 4,421 | 14                             | 27  | 241 | 1,859 | 2,250 | 6.4               |
| Waupaca     | 602   | 3                              | 17  | 134 | 307   | 141   | 25.6              |
| Waushara    | 232   | 2                              | 7   | 70  | 80    | 72    | 34.1              |
| Winnebago   | 1,851 | 5                              | 27  | 305 | 814   | 700   | 18.2              |
| Wood        | 891   | 9                              | 15  | 195 | 445   | 226   | 24.6              |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 243 births for which number of prenatal care visits was not reported.  
A dash (-) indicates that there were no births in that category.

**Table 17. Births by Number of Prenatal Care Visits and Region, Wisconsin 2001**

|                          | Total         | Number of Prenatal Care Visits |              |               |               |               | Percent of Births<br>With <10 Visits |
|--------------------------|---------------|--------------------------------|--------------|---------------|---------------|---------------|--------------------------------------|
|                          |               | No Visits                      | 1-4          | 5-9           | 10-12         | 13+           |                                      |
| <b>Total</b>             | <b>69,012</b> | <b>549</b>                     | <b>1,994</b> | <b>12,624</b> | <b>30,219</b> | <b>23,383</b> | <b>22.0%</b>                         |
| <b>DHFS Regions</b>      |               |                                |              |               |               |               |                                      |
| Southern                 | 12,114        | 52                             | 239          | 2,107         | 5,971         | 3,720         | 19.8                                 |
| Southeastern             | 28,249        | 314                            | 828          | 4,276         | 12,039        | 10,657        | 19.2                                 |
| Northeastern             | 14,326        | 65                             | 308          | 2,685         | 6,379         | 4,872         | 21.3                                 |
| Western                  | 9,061         | 91                             | 466          | 2,257         | 3,494         | 2,693         | 31.1                                 |
| Northern                 | 5,262         | 27                             | 153          | 1,299         | 2,336         | 1,441         | 28.1                                 |
| <b>Perinatal Regions</b> |               |                                |              |               |               |               |                                      |
| South Central            | 13,965        | 53                             | 273          | 2,388         | 6,951         | 4,273         | 19.4                                 |
| Southeast                | 27,538        | 314                            | 809          | 4,149         | 11,612        | 10,519        | 19.1                                 |
| Fox Valley               | 7,009         | 22                             | 166          | 1,569         | 3,229         | 2,020         | 25.1                                 |
| Northeast                | 5,978         | 38                             | 121          | 893           | 2,502         | 2,412         | 17.6                                 |
| Western                  | 7,733         | 80                             | 363          | 1,851         | 2,965         | 2,421         | 29.7                                 |
| North Central            | 5,410         | 34                             | 212          | 1,408         | 2,359         | 1,389         | 30.6                                 |
| Northwest                | 1,379         | 8                              | 50           | 366           | 601           | 349           | 30.7                                 |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 243 births for which number of prenatal care visits was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 98 and 99).

**Table 18. Births by Birthweight and County of Residence, Wisconsin 2001**

| County       | Total Births  | <1,500 Grams | 1,500-2,499 Grams | 2,500+ Grams  | Total <2,500 Grams | Percent Low Birthweight |             |
|--------------|---------------|--------------|-------------------|---------------|--------------------|-------------------------|-------------|
|              |               |              |                   |               |                    | 2001                    | 2000        |
| <b>Total</b> | <b>69,012</b> | <b>885</b>   | <b>3,672</b>      | <b>64,436</b> | <b>4,557</b>       | <b>6.6%</b>             | <b>6.5%</b> |
| Adams        | 179           | 1            | 10                | 168           | 11                 | 6.1                     | 8.2         |
| Ashland      | 190           | 5            | 9                 | 176           | 14                 | 7.4                     | 6.3         |
| Barron       | 472           | -            | 24                | 446           | 24                 | 5.1                     | 7.5         |
| Bayfield     | 135           | -            | 3                 | 131           | 3                  | 2.2                     | 4.3         |
| Brown        | 3,232         | 35           | 133               | 3,062         | 168                | 5.2                     | 5.9         |
| Buffalo      | 143           | 1            | 8                 | 134           | 9                  | 6.3                     | 3.1         |
| Burnett      | 155           | 4            | 9                 | 142           | 13                 | 8.4                     | 9.6         |
| Calumet      | 597           | 4            | 27                | 566           | 31                 | 5.2                     | 6.6         |
| Chippewa     | 672           | 6            | 30                | 634           | 36                 | 5.4                     | 5.2         |
| Clark        | 518           | 7            | 18                | 493           | 25                 | 4.8                     | 4.8         |
| Columbia     | 651           | 7            | 28                | 616           | 35                 | 5.4                     | 6.8         |
| Crawford     | 199           | 6            | 12                | 181           | 18                 | 9.0                     | 8.7         |
| Dane         | 5,520         | 71           | 280               | 5,169         | 351                | 6.4                     | 6.0         |
| Dodge        | 926           | 14           | 41                | 871           | 55                 | 5.9                     | 4.0         |
| Door         | 262           | 4            | 17                | 241           | 21                 | 8.0                     | 4.3         |
| Douglas      | 513           | 7            | 23                | 483           | 30                 | 5.8                     | 6.4         |
| Dunn         | 445           | 1            | 28                | 416           | 29                 | 6.5                     | 5.4         |
| Eau Claire   | 1,146         | 4            | 59                | 1,082         | 63                 | 5.5                     | 5.8         |
| Florence     | 40            | -            | 2                 | 38            | 2                  | 5.0                     | 11.1        |
| Fond du Lac  | 1,091         | 6            | 49                | 1,036         | 55                 | 5.0                     | 6.4         |
| Forest       | 100           | 2            | 8                 | 90            | 10                 | 10.0                    | 7.9         |
| Grant        | 547           | 3            | 19                | 525           | 22                 | 4.0                     | 5.2         |
| Green        | 397           | 6            | 19                | 372           | 25                 | 6.3                     | 6.0         |
| Green Lake   | 230           | 2            | 5                 | 223           | 7                  | 3.0                     | 6.8         |
| Iowa         | 310           | 6            | 15                | 289           | 21                 | 6.8                     | 5.3         |
| Iron         | 48            | 1            | 2                 | 45            | 3                  | 6.3                     | -           |
| Jackson      | 205           | 5            | 8                 | 192           | 13                 | 6.3                     | 6.0         |
| Jefferson    | 914           | 7            | 42                | 865           | 49                 | 5.4                     | 4.8         |
| Juneau       | 252           | 3            | 9                 | 240           | 12                 | 4.8                     | 6.2         |
| Kenosha      | 2,119         | 31           | 129               | 1,959         | 160                | 7.6                     | 6.5         |
| Kewaunee     | 243           | -            | 11                | 232           | 11                 | 4.5                     | 6.3         |
| La Crosse    | 1,260         | 9            | 69                | 1,181         | 78                 | 6.2                     | 4.6         |
| Lafayette    | 200           | 1            | 8                 | 191           | 9                  | 4.5                     | 5.7         |
| Langlade     | 213           | 4            | 13                | 196           | 17                 | 8.0                     | 5.3         |
| Lincoln      | 329           | -            | 16                | 313           | 16                 | 4.9                     | 7.1         |
| Manitowoc    | 908           | 13           | 41                | 853           | 54                 | 5.9                     | 5.5         |
| Marathon     | 1,534         | 23           | 77                | 1,434         | 100                | 6.5                     | 6.8         |
| Marinette    | 386           | 2            | 15                | 369           | 17                 | 4.4                     | 4.6         |
| Marquette    | 162           | 2            | 9                 | 151           | 11                 | 6.8                     | 4.1         |
| Menominee    | 93            | 2            | 2                 | 89            | 4                  | 4.3                     | 2.2         |
| Milwaukee    | 14,727        | 291          | 1,022             | 13,409        | 1,313              | 8.9                     | 9.1         |
| Monroe       | 593           | 12           | 29                | 552           | 41                 | 6.9                     | 6.6         |

(Continued)

**Table 18. Births by Birthweight and County of Residence, Wisconsin 2001**

| County      | Total Births | <1,500 Grams | 1,500-2,499 Grams | 2,500+ Grams | Total <2,500 Grams | Percent Low Birthweight |      |
|-------------|--------------|--------------|-------------------|--------------|--------------------|-------------------------|------|
|             |              |              |                   |              |                    | 2001                    | 2000 |
| Oconto      | 392          | 4            | 19                | 368          | 23                 | 5.9                     | 5.0  |
| Oneida      | 278          | -            | 16                | 262          | 16                 | 5.8                     | 6.0  |
| Outagamie   | 2,244        | 27           | 124               | 2,092        | 151                | 6.7                     | 5.5  |
| Ozaukee     | 867          | 4            | 35                | 828          | 39                 | 4.5                     | 5.2  |
| Pepin       | 88           | -            | 1                 | 87           | 1                  | 1.1                     | 5.1  |
| Pierce      | 383          | 1            | 18                | 364          | 19                 | 5.0                     | 5.6  |
| Polk        | 508          | 9            | 21                | 478          | 30                 | 5.9                     | 5.3  |
| Portage     | 743          | 7            | 32                | 704          | 39                 | 5.2                     | 4.7  |
| Price       | 139          | -            | 4                 | 135          | 4                  | 2.9                     | 8.0  |
| Racine      | 2,581        | 43           | 152               | 2,386        | 195                | 7.6                     | 7.2  |
| Richland    | 204          | 3            | 11                | 190          | 14                 | 6.9                     | 3.0  |
| Rock        | 2,028        | 31           | 122               | 1,875        | 153                | 7.5                     | 7.3  |
| Rusk        | 185          | 1            | 7                 | 177          | 8                  | 4.3                     | 3.4  |
| St. Croix   | 912          | 10           | 44                | 858          | 54                 | 5.9                     | 5.5  |
| Sauk        | 701          | 7            | 35                | 659          | 42                 | 6.0                     | 5.4  |
| Sawyer      | 182          | 4            | 7                 | 171          | 11                 | 6.0                     | 7.7  |
| Shawano     | 462          | 3            | 16                | 443          | 19                 | 4.1                     | 3.8  |
| Sheboygan   | 1,339        | 13           | 51                | 1,275        | 64                 | 4.8                     | 4.7  |
| Taylor      | 246          | 1            | 14                | 230          | 15                 | 6.1                     | 5.7  |
| Trempealeau | 330          | 5            | 13                | 312          | 18                 | 5.5                     | 7.1  |
| Vernon      | 377          | 3            | 15                | 359          | 18                 | 4.8                     | 4.1  |
| Vilas       | 194          | 3            | 12                | 179          | 15                 | 7.7                     | 2.6  |
| Walworth    | 1,136        | 7            | 40                | 1,089        | 47                 | 4.1                     | 5.3  |
| Washburn    | 156          | 2            | 7                 | 147          | 9                  | 5.8                     | 7.4  |
| Washington  | 1,484        | 12           | 74                | 1,398        | 86                 | 5.8                     | 4.7  |
| Waukesha    | 4,421        | 39           | 219               | 4,162        | 258                | 5.8                     | 5.8  |
| Waupaca     | 602          | 5            | 33                | 564          | 38                 | 6.3                     | 4.8  |
| Waushara    | 232          | 1            | 7                 | 224          | 8                  | 3.4                     | 7.1  |
| Winnebago   | 1,851        | 24           | 102               | 1,725        | 126                | 6.8                     | 7.0  |
| Wood        | 891          | 8            | 43                | 840          | 51                 | 5.7                     | 5.0  |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 19 births for which birthweight was not reported.  
 Infants weighing less than 2,500 grams (5.5 pounds) at birth are considered low birthweight. Infants weighing less than 1,500 grams (3.3 pounds) at birth are considered very low birthweight. A dash (-) indicates that there were no births in that category.

**Table 19. Births by Birthweight and Region, Wisconsin 2001**

|                          | Total<br>Births | <1,500<br>Grams | 1,500-<br>2,499<br>Grams | 2,500+<br>Grams | Total<br><2,500<br>Grams | Percent<br>Low Birthweight |             |
|--------------------------|-----------------|-----------------|--------------------------|-----------------|--------------------------|----------------------------|-------------|
|                          |                 |                 |                          |                 |                          | 2001                       | 2000        |
| <b>Total</b>             | <b>69,012</b>   | <b>885</b>      | <b>3,672</b>             | <b>64,436</b>   | <b>4,557</b>             | <b>6.6%</b>                | <b>6.5%</b> |
| <b>DHFS Regions</b>      |                 |                 |                          |                 |                          |                            |             |
| Southern                 | 12,114          | 159             | 609                      | 11,346          | 768                      | 6.3                        | 6.0         |
| Southeastern             | 28,249          | 434             | 1,713                    | 26,096          | 2,147                    | 7.6                        | 7.6         |
| Northeastern             | 14,326          | 147             | 661                      | 13,513          | 808                      | 5.6                        | 5.7         |
| Western                  | 9,061           | 87              | 431                      | 8,537           | 518                      | 5.7                        | 5.6         |
| Northern                 | 5,262           | 58              | 258                      | 4,944           | 316                      | 6.0                        | 5.9         |
| <b>Perinatal Regions</b> |                 |                 |                          |                 |                          |                            |             |
| South Central            | 13,965          | 167             | 679                      | 13,119          | 846                      | 6.1                        | 5.9         |
| Southeast                | 27,538          | 433             | 1,682                    | 25,417          | 2,115                    | 7.7                        | 7.6         |
| Fox Valley               | 7,009           | 71              | 356                      | 6,581           | 427                      | 6.1                        | 6.2         |
| Northeast                | 5,978           | 63              | 254                      | 5,657           | 317                      | 5.3                        | 5.3         |
| Western                  | 7,733           | 72              | 379                      | 7,276           | 451                      | 5.8                        | 5.6         |
| North Central            | 5,410           | 56              | 262                      | 5,091           | 318                      | 5.9                        | 5.7         |
| Northwest                | 1,379           | 23              | 60                       | 1,295           | 83                       | 6.0                        | 6.6         |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 19 births for which birthweight was not reported.  
 Infants weighing less than 2,500 grams or 5.5 pounds at birth are considered low birthweight. Infants weighing less than 1,500 grams or 3.3 pounds at birth are considered very low birthweight.  
 For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes, pages 98 and 99.

**Table 20. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2001**

| County       | Fetal Deaths<br>(Gestation >20 weeks) | Neonatal Deaths<br>(Age <28 days) | + | Postneonatal Deaths<br>(Age 28 days to 1 year) | = | Infant Deaths<br>(Age < 1 year) |
|--------------|---------------------------------------|-----------------------------------|---|--|---|---------------------------------|
| <b>Total</b> | <b>375</b>                            | <b>323</b>                        |   | <b>168</b>                                     |   | <b>491</b>                      |
| Adams        | 1                                     | -                                 |   | -  |   | -                               |
| Ashland      | 1                                     | -                                 |   | -  |   | -                               |
| Barron       | 2                                     | -                                 |   | -  |   | -                               |
| Bayfield     | -                                     | -                                 |   | -  |   | -                               |
| Brown        | 17                                    | 14                                |   | 6  |   | 20                              |
| Buffalo      | 1                                     | -                                 |   | 1  |   | 1                               |
| Burnett      | 2                                     | 2                                 |   | 1  |   | 3                               |
| Calumet      | 1                                     | 1                                 |   | -  |   | 1                               |
| Chippewa     | 3                                     | 4                                 |   | -  |   | 4                               |
| Clark        | 3                                     | 3                                 |   | 1  |   | 4                               |
| Columbia     | 5                                     | 5                                 |   | 4  |   | 9                               |
| Crawford     | 4                                     | 2                                 |   | -  |   | 2                               |
| Dane         | 30                                    | 25                                |   | 4  |   | 29                              |
| Dodge        | 7                                     | 1                                 |   | 4  |   | 5                               |
| Door         | 2                                     | 2                                 |   | 1  |   | 3                               |
| Douglas      | -                                     | 2                                 |   | -  |   | 2                               |
| Dunn         | 3                                     | 2                                 |   | -  |   | 2                               |
| Eau Claire   | 8                                     | 3                                 |   | 2  |   | 5                               |
| Florence     | -                                     | -                                 |   | -  |   | -                               |
| Fond du Lac  | 5                                     | 5                                 |   | 1  |   | 6                               |
| Forest       | -                                     | -                                 |   | -  |   | -                               |
| Grant        | 4                                     | 2                                 |   | -  |   | 2                               |
| Green        | -                                     | 4                                 |   | 2  |   | 6                               |
| Green Lake   | 2                                     | -                                 |   | 2  |   | 2                               |
| Iowa         | 3                                     | 1                                 |   | 1  |   | 2                               |
| Iron         | -                                     | 1                                 |   | -  |   | 1                               |
| Jackson      | 2                                     | 2                                 |   | 1  |   | 3                               |
| Jefferson    | 4                                     | 1                                 |   | 1  |   | 2                               |
| Juneau       | 1                                     | 1                                 |   | 2  |   | 3                               |
| Kenosha      | 12                                    | 8                                 |   | 3  |   | 11                              |
| Kewaunee     | 4                                     | 1                                 |   | -  |   | 1                               |
| La Crosse    | 4                                     | 5                                 |   | 3  |   | 8                               |
| Lafayette    | 1                                     | -                                 |   | -  |   | -                               |
| Langlade     | 1                                     | -                                 |   | 2  |   | 2                               |
| Lincoln      | 4                                     | 2                                 |   | 1  |   | 3                               |
| Manitowoc    | 5                                     | 9                                 |   | 3  |   | 12                              |

(Continued)

**Mortality****Local and Regional Information****Table 20. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2001**

| <b>County</b> | <b>Fetal Deaths<br/>(Gestation &gt;20 weeks)</b> | <b>Neonatal Deaths<br/>(Age &lt;28 days)</b> | <b>+</b> | <b>Postneonatal Deaths<br/>(Age 28 days to 1 year)</b> | <b>=</b> | <b>Infant Deaths<br/>(Age &lt; 1 year)</b> |
|---------------|--|--|----------|--|----------|--|
| Marathon      | 7  | 8  |          | 2  |          | 10   |
| Marinette     | 2  | 1  |          | 3  |          | 4  |
| Marquette     | 1  | -  |          | 1  |          | 1  |
| Menominee     | 2  | 2  |          | -  |          | 2  |
| Milwaukee     | 103  | 90   |          | 58   |          | 148  |
| Monroe        | 6  | 5  |          | 3  |          | 8  |
| Oconto        | -  | -  |          | -  |          | -  |
| Oneida        | -  | -  |          | -  |          | -  |
| Outagamie     | 10   | 10   |          | 3  |          | 13   |
| Ozaukee       | 1  | 3  |          | -  |          | 3  |
| Pepin         | -  | -  |          | -  |          | -  |
| Pierce        | 1  | -  |          | -  |          | -  |
| Polk          | 1  | 6  |          | 1  |          | 7  |
| Portage       | 8  | 2  |          | 3  |          | 5  |
| Price         | 1  | 1  |          | 1  |          | 2  |
| Racine        | 9  | 19   |          | 11   |          | 30   |
| Richland      | 2  | 3  |          | 2  |          | 5  |
| Rock          | 7  | 10   |          | 3  |          | 13   |
| Rusk          | 2  | 2  |          | -  |          | 2  |
| St. Croix     | 1  | 3  |          | 2  |          | 5  |
| Sauk          | 7  | 2  |          | 3  |          | 5  |
| Sawyer        | 2  | -  |          | 1  |          | 1  |
| Shawano       | 5  | 2  |          | 3  |          | 5  |
| Sheboygan     | 12   | 7  |          | 2  |          | 9  |
| Taylor        | 1  | -  |          | -  |          | -  |
| Trempealeau   | 2  | -  |          | -  |          | -  |
| Vernon        | -  | -  |          | 2  |          | 2  |
| Vilas         | 1  | 2  |          | -  |          | 2  |
| Walworth      | 4  | 8  |          | 2  |          | 10   |
| Washburn      | -  | -  |          | 2  |          | 2  |
| Washington    | 4  | 6  |          | 1  |          | 7  |
| Waukesha      | 17   | 9  |          | 5  |          | 14   |
| Waupaca       | 3  | 4  |          | 1  |          | 5  |
| Waushara      | 1  | -  |          | 1  |          | 1  |
| Winnebago     | 5  | 7  |          | 6  |          | 13   |
| Wood          | 5  | 3  |          | -  |          | 3  |
| Unknown       | -  | -  |          | -  |          | -  |

Source: Fetal death and matched birth-death files, Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: A dash (-) indicates that there were no events in that category.

**Table 21a. Fetal, Neonatal, Postneonatal and Infant Deaths by Region, Wisconsin 2001**

|                          | <b>Fetal Deaths</b><br>(Gestation >20 weeks) | <b>Neonatal Deaths</b><br>(Age <28 days) | <b>+ Postneonatal Deaths</b><br>(Age 28 days to 1 year) | <b>= Infant Deaths</b><br>(Age < 1 year) |
|--------------------------|--|--|---|--|
| <b>Total</b>             | <b>375</b>                                   | <b>323</b>                               | <b>168</b>  | <b>491</b>                               |
| <b>DHFS Region</b>       |  |  |   |  |
| Southern                 | 72   | 56                                       | 25  | 81                                       |
| Southeastern             | 154  | 144                                      | 81  | 225                                      |
| Northeastern             | 77   | 65                                       | 33  | 98                                       |
| Western                  | 41   | 39                                       | 19  | 58                                       |
| Northern                 | 31   | 19                                       | 10  | 29                                       |
| <b>Perinatal Regions</b> |  |  |   |  |
| South Central            | 76   | 63                                       | 28  | 91                                       |
| Southeast                | 158  | 142                                      | 80  | 222                                      |
| Fox Valley               | 28   | 27                                       | 15  | 42                                       |
| Northeast                | 37   | 31                                       | 16  | 47                                       |
| Western                  | 38   | 32                                       | 15  | 47                                       |
| North Central            | 33   | 23                                       | 10  | 33                                       |
| Northwest                | 5  | 5  | 4   | 9  |

**Table 21b. Rates of Fetal, Neonatal, Postneonatal and Infant Deaths by Region, Wisconsin 2001**

|                          | <b>Fetal Deaths</b><br>(Gestation >20 weeks) | <b>Neonatal Deaths</b><br>(Age <28 days) | <b>+ Postneonatal Deaths</b><br>(Age 28 days to 1 year) | <b>= Infant Deaths</b><br>(Age < 1 year) |
|--------------------------|--|--|---|--|
| <b>Total</b>             | <b>5.4</b>                                   | <b>4.7</b>                               | <b>2.4</b>  | <b>7.1</b>                               |
| <b>DHFS Region</b>       |  |  |   |  |
| Southern                 | 5.9  | 4.6                                      | 2.1   | 6.7                                      |
| Southeastern             | 5.4  | 5.1                                      | 2.9   | 8.0                                      |
| Northeastern             | 5.3  | 4.5                                      | 2.3   | 6.8                                      |
| Western                  | 4.5  | 4.3                                      | -   | 6.4                                      |
| Northern                 | 5.9  | -  | -   | 5.5                                      |
| <b>Perinatal Regions</b> |  |  |   |  |
| South Central            | 5.4  | 4.5                                      | 2.0   | 6.5                                      |
| Southeast                | 5.7  | 5.2                                      | 2.9   | 8.1                                      |
| Fox Valley               | 4.0  | 3.9                                      | -   | 6.0                                      |
| Northeast                | 6.2  | 5.2                                      | -   | 7.9                                      |
| Western                  | 4.9  | 4.1                                      | -   | 6.1                                      |
| North Central            | 6.1  | 4.3                                      | -   | 6.1                                      |
| Northwest                | -  | -  | -   | -  |

Source: Fetal death and matched birth-death files, Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: The fetal death rate is based on the number of fetal deaths per 1,000 live births and reported fetal deaths.  
The neonatal death rate is based on the number of neonatal deaths per 1,000 live births.  
The infant death rate is based on the number of infant deaths per 1,000 live births.  
Rates based on fewer than 20 deaths are omitted because they are subject to large random fluctuations.

**Table 22. Fetal, Neonatal, Postneonatal and Infant Deaths by Selected Places, Wisconsin 2001**

| <b>City of<br/>Residence</b> | <b>Fetal Deaths<br/>(Gestation &gt;20 weeks)</b> | <b>Neonatal Deaths<br/>(Age &lt;28 days)</b> | <b>+<br/>Postneonatal Deaths<br/>(Age 28 days to 1 year)</b> | <b>=<br/>Infant Deaths<br/>(Age &lt; 1 year)</b> |
|------------------------------|--|--|--|--|
| Appleton                     | 5  | 8  | -  | 8  |
| Beloit                       | 4  | 5  | -  | 5  |
| Brookfield                   | -  | 1  | 1  | 2  |
| Caledonia (T)                | 1  | 1  | 1  | 2  |
| De Pere                      | 1  | 2  | 1  | 3  |
| Eau Claire                   | 5  | 3  | 1  | 4  |
| Fitchburg                    | 1  | -  | -  | -  |
| Fond du Lac                  | 3  | 4  | 1  | 5  |
| Franklin                     | 3  | 1  | -  | 1  |
| Green Bay                    | 13   | 10   | 4  | 14   |
| Greenfield                   | 1  | 1  | 2  | 3  |
| Janesville                   | 3  | 5  | 1  | 6  |
| Kenosha                      | 8  | 5  | 3  | 8  |
| La Crosse                    | -  | 2  | 3  | 5  |
| Madison                      | 22   | 21   | 3  | 24   |
| Manitowoc                    | 3  | 3  | 1  | 4  |
| Menomonee Falls (V)          | 2  | 1  | 1  | 2  |
| Mequon/Thiensville           | -  | 1  | -  | 1  |
| Milwaukee                    | 89   | 75   | 54   | 129  |
| Mount Pleasant (T)           | -  | -  | -  | -  |
| Muskego                      | 1  | -  | -  | -  |
| Neenah/Menasha               | 2  | 4  | 2  | 6  |
| New Berlin                   | 4  | -  | 1  | 1  |
| Oak Creek                    | 2  | -  | 1  | 1  |
| Oshkosh                      | 2  | 3  | 3  | 6  |
| Racine                       | 6  | 17   | 9  | 26   |
| Sheboygan                    | 5  | 5  | 2  | 7  |
| South Milwaukee              | 2  | -  | -  | -  |
| Stevens Point                | 5  | 1  | 2  | 3  |
| Sun Prairie                  | 1  | -  | -  | -  |
| Superior                     | -  | 2  | -  | 2  |
| Watertown                    | 2  | 2  | -  | 2  |
| Waukesha                     | 2  | 5  | 2  | 7  |
| Wausau                       | 3  | 2  | 1  | 3  |
| Wauwatosa                    | 1  | -  | 1  | 1  |
| West Allis                   | 3  | 6  | -  | 6  |
| West Bend                    | 2  | 3  | -  | 3  |

Source: Fetal death and matched birth-death files, Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: A dash (-) indicates that there were no events in that category.

This table includes cities, townships (T) and villages (V) with a population of 20,000 or more according to population estimates from the United States Census Bureau and the Wisconsin Department of Administration, Demographic Services Center. These population estimates are provisional and subject to revision.

Combined areas include: Mequon (C) with Thiensville (V); and Neenah (C) with Menasha (C).

**Table 23. Number of Births by County of Residence, Wisconsin 1980-2001**

| County       | 1980          | 1981          | 1982          | 1983          | 1984          | 1985          | 1986          | 1987          | 1988          | 1989          |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Total</b> | <b>74,763</b> | <b>74,309</b> | <b>74,327</b> | <b>72,499</b> | <b>73,050</b> | <b>73,647</b> | <b>72,229</b> | <b>70,907</b> | <b>70,711</b> | <b>71,890</b> |
| Adams        | 179           | 177           | 175           | 164           | 182           | 170           | 170           | 164           | 173           | 144           |
| Ashland      | 279           | 302           | 282           | 295           | 256           | 248           | 274           | 220           | 256           | 249           |
| Barron       | 654           | 693           | 745           | 679           | 672           | 628           | 578           | 567           | 571           | 557           |
| Bayfield     | 219           | 212           | 209           | 230           | 200           | 193           | 187           | 174           | 174           | 153           |
| Brown        | 2,802         | 2,824         | 2,833         | 2,856         | 2,821         | 2,917         | 2,829         | 2,910         | 2,847         | 2,968         |
| Buffalo      | 236           | 197           | 239           | 229           | 184           | 227           | 213           | 220           | 165           | 175           |
| Burnett      | 167           | 203           | 179           | 194           | 162           | 160           | 157           | 152           | 142           | 164           |
| Calumet      | 546           | 519           | 556           | 551           | 550           | 514           | 567           | 546           | 536           | 538           |
| Chippewa     | 903           | 924           | 854           | 920           | 851           | 867           | 822           | 709           | 715           | 738           |
| Clark        | 641           | 581           | 587           | 576           | 533           | 514           | 468           | 488           | 518           | 434           |
| Columbia     | 667           | 668           | 682           | 655           | 624           | 650           | 657           | 608           | 579           | 585           |
| Crawford     | 293           | 284           | 296           | 276           | 272           | 239           | 251           | 250           | 241           | 203           |
| Dane         | 4,685         | 4,638         | 4,684         | 4,657         | 4,902         | 4,984         | 5,067         | 5,124         | 5,070         | 5,136         |
| Dodge        | 1,186         | 1,173         | 1,187         | 1,108         | 1,115         | 1,146         | 1,115         | 1,055         | 1,020         | 1,029         |
| Door         | 412           | 397           | 406           | 379           | 345           | 400           | 368           | 376           | 317           | 320           |
| Douglas      | 702           | 713           | 676           | 645           | 580           | 590           | 549           | 547           | 532           | 517           |
| Dunn         | 537           | 536           | 551           | 503           | 506           | 501           | 467           | 398           | 436           | 436           |
| Eau Claire   | 1,117         | 1,265         | 1,255         | 1,185         | 1,203         | 1,201         | 1,111         | 1,178         | 1,237         | 1,238         |
| Florence     | 55            | 64            | 66            | 54            | 50            | 63            | 51            | 45            | 57            | 26            |
| Fond du Lac  | 1,512         | 1,406         | 1,409         | 1,333         | 1,382         | 1,368         | 1,316         | 1,247         | 1,248         | 1,162         |
| Forest       | 140           | 161           | 147           | 156           | 144           | 156           | 136           | 152           | 136           | 114           |
| Grant        | 867           | 814           | 812           | 805           | 785           | 743           | 753           | 713           | 626           | 635           |
| Green        | 483           | 471           | 514           | 507           | 439           | 471           | 469           | 404           | 404           | 429           |
| Green Lake   | 262           | 325           | 287           | 310           | 279           | 266           | 240           | 230           | 237           | 214           |
| Iowa         | 345           | 342           | 340           | 366           | 335           | 319           | 346           | 305           | 306           | 302           |
| Iron         | 84            | 72            | 86            | 64            | 63            | 76            | 63            | 68            | 66            | 55            |
| Jackson      | 276           | 271           | 291           | 257           | 236           | 240           | 228           | 230           | 249           | 229           |
| Jefferson    | 973           | 1,029         | 952           | 953           | 987           | 1,004         | 893           | 901           | 849           | 927           |
| Juneau       | 347           | 355           | 331           | 343           | 327           | 339           | 301           | 323           | 279           | 278           |
| Kenosha      | 1,826         | 1,815         | 1,789         | 1,839         | 1,796         | 1,910         | 1,787         | 1,931         | 1,909         | 2,077         |
| Kewaunee     | 323           | 347           | 311           | 303           | 336           | 303           | 274           | 301           | 227           | 259           |
| La Crosse    | 1,350         | 1,396         | 1,372         | 1,470         | 1,443         | 1,394         | 1,408         | 1,365         | 1,362         | 1,388         |
| Lafayette    | 289           | 339           | 300           | 321           | 314           | 271           | 265           | 229           | 213           | 220           |
| Langlade     | 287           | 313           | 271           | 334           | 276           | 259           | 299           | 249           | 280           | 242           |
| Lincoln      | 406           | 460           | 383           | 384           | 405           | 363           | 323           | 349           | 315           | 372           |
| Manitowoc    | 1,338         | 1,262         | 1,345         | 1,208         | 1,263         | 1,228         | 1,127         | 1,136         | 1,040         | 1,035         |

(Continued)

**Table 23. Number of Births by County of Residence, Wisconsin 1980-2001**

| County      | 1980   | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Marathon    | 1,930  | 1,806  | 1,804  | 1,728  | 1,730  | 1,812  | 1,650  | 1,644  | 1,620  | 1,685  |
| Marinette   | 662    | 671    | 578    | 559    | 551    | 592    | 562    | 535    | 494    | 471    |
| Marquette   | 167    | 163    | 183    | 148    | 184    | 158    | 175    | 169    | 141    | 149    |
| Menominee   | 111    | 96     | 108    | 116    | 112    | 132    | 151    | 138    | 113    | 114    |
| Milwaukee   | 15,842 | 15,806 | 16,063 | 15,631 | 15,887 | 16,296 | 16,254 | 16,035 | 16,358 | 17,009 |
| Monroe      | 607    | 582    | 638    | 564    | 581    | 600    | 555    | 552    | 569    | 622    |
| Oconto      | 469    | 435    | 461    | 415    | 458    | 451    | 453    | 413    | 433    | 410    |
| Oneida      | 423    | 467    | 429    | 425    | 455    | 437    | 423    | 373    | 387    | 365    |
| Outagamie   | 2,340  | 2,229  | 2,172  | 2,197  | 2,171  | 2,320  | 2,180  | 2,227  | 2,268  | 2,258  |
| Ozaukee     | 992    | 963    | 932    | 935    | 943    | 960    | 954    | 955    | 947    | 973    |
| Pepin       | 128    | 127    | 112    | 131    | 128    | 94     | 122    | 97     | 98     | 87     |
| Pierce      | 507    | 527    | 532    | 484    | 494    | 492    | 498    | 434    | 452    | 436    |
| Polk        | 506    | 561    | 560    | 520    | 596    | 506    | 488    | 506    | 466    | 441    |
| Portage     | 928    | 891    | 896    | 851    | 956    | 876    | 903    | 818    | 850    | 804    |
| Price       | 242    | 232    | 243    | 238    | 238    | 225    | 215    | 182    | 209    | 190    |
| Racine      | 2,980  | 2,855  | 2,717  | 2,691  | 2,794  | 2,641  | 2,653  | 2,661  | 2,640  | 2,782  |
| Richland    | 275    | 302    | 281    | 278    | 284    | 267    | 228    | 246    | 219    | 234    |
| Rock        | 2,256  | 2,115  | 2,196  | 2,088  | 2,116  | 2,189  | 2,183  | 2,106  | 2,079  | 2,120  |
| Rusk        | 222    | 251    | 259    | 256    | 258    | 216    | 234    | 203    | 202    | 229    |
| St. Croix   | 835    | 773    | 762    | 788    | 815    | 741    | 805    | 824    | 740    | 817    |
| Sauk        | 654    | 696    | 691    | 661    | 697    | 690    | 674    | 671    | 663    | 669    |
| Sawyer      | 219    | 239    | 228    | 215    | 224    | 203    | 224    | 228    | 196    | 187    |
| Shawano     | 528    | 543    | 550    | 536    | 530    | 488    | 499    | 507    | 531    | 501    |
| Sheboygan   | 1,588  | 1,595  | 1,588  | 1,515  | 1,517  | 1,507  | 1,492  | 1,379  | 1,397  | 1,380  |
| Taylor      | 379    | 339    | 370    | 345    | 340    | 354    | 294    | 280    | 309    | 292    |
| Trempealeau | 373    | 416    | 400    | 387    | 392    | 370    | 352    | 324    | 316    | 327    |
| Vernon      | 408    | 440    | 408    | 376    | 409    | 409    | 406    | 328    | 344    | 356    |
| Vilas       | 228    | 218    | 226    | 222    | 236    | 240    | 214    | 228    | 190    | 195    |
| Walworth    | 1,026  | 971    | 1,053  | 915    | 896    | 1,009  | 951    | 914    | 995    | 891    |
| Washburn    | 226    | 202    | 208    | 210    | 227    | 198    | 201    | 171    | 158    | 157    |
| Washington  | 1,442  | 1,422  | 1,387  | 1,359  | 1,359  | 1,383  | 1,335  | 1,305  | 1,315  | 1,335  |
| Waukesha    | 3,841  | 3,824  | 3,808  | 3,610  | 3,661  | 3,727  | 3,799  | 3,779  | 3,940  | 4,038  |
| Waupaca     | 697    | 690    | 677    | 660    | 625    | 656    | 637    | 597    | 603    | 604    |
| Waushara    | 243    | 236    | 267    | 294    | 241    | 247    | 266    | 259    | 231    | 234    |
| Winnebago   | 1,901  | 1,867  | 1,945  | 1,887  | 1,961  | 2,028  | 1,964  | 1,894  | 1,901  | 1,909  |
| Wood        | 1,199  | 1,211  | 1,192  | 1,155  | 1,166  | 1,211  | 1,106  | 1,061  | 1,005  | 1,070  |
| Unknown     | 1      | -      | 1      | -      | -      | -      | -      | -      | -      | 1      |

(Continued)

**Table 23. Number of Births by County of Residence, Wisconsin 1980-2001**

| County       | 1990          | 1991          | 1992          | 1993          | 1994          | 1995          | 1996          | 1997          | 1998          | 1999          |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Total</b> | <b>72,636</b> | <b>72,039</b> | <b>70,662</b> | <b>69,760</b> | <b>68,267</b> | <b>67,493</b> | <b>67,076</b> | <b>66,490</b> | <b>67,379</b> | <b>68,181</b> |
| Adams        | 175           | 162           | 189           | 163           | 162           | 167           | 184           | 157           | 167           | 179           |
| Ashland      | 202           | 197           | 207           | 225           | 199           | 239           | 234           | 202           | 208           | 195           |
| Barron       | 579           | 553           | 556           | 496           | 517           | 550           | 503           | 463           | 475           | 506           |
| Bayfield     | 155           | 150           | 183           | 157           | 141           | 135           | 149           | 147           | 139           | 150           |
| Brown        | 3,169         | 3,141         | 2,947         | 3,035         | 3,051         | 2,962         | 3,050         | 3,051         | 3,130         | 3,098         |
| Buffalo      | 176           | 182           | 156           | 169           | 156           | 165           | 146           | 143           | 143           | 159           |
| Burnett      | 143           | 149           | 154           | 142           | 135           | 171           | 147           | 133           | 149           | 146           |
| Calumet      | 491           | 478           | 524           | 485           | 495           | 488           | 466           | 452           | 480           | 504           |
| Chippewa     | 704           | 720           | 668           | 675           | 643           | 633           | 590           | 638           | 633           | 684           |
| Clark        | 464           | 429           | 405           | 434           | 452           | 448           | 467           | 470           | 537           | 493           |
| Columbia     | 610           | 605           | 584           | 640           | 610           | 607           | 616           | 633           | 620           | 623           |
| Crawford     | 230           | 206           | 203           | 184           | 197           | 215           | 183           | 182           | 206           | 202           |
| Dane         | 5,306         | 5,224         | 5,209         | 5,181         | 4,848         | 5,023         | 4,976         | 5,023         | 5,125         | 5,189         |
| Dodge        | 985           | 995           | 938           | 1,013         | 936           | 947           | 976           | 926           | 944           | 986           |
| Door         | 325           | 322           | 298           | 305           | 270           | 254           | 260           | 218           | 239           | 265           |
| Douglas      | 540           | 599           | 532           | 525           | 527           | 493           | 532           | 507           | 509           | 468           |
| Dunn         | 417           | 399           | 451           | 428           | 439           | 444           | 434           | 466           | 471           | 441           |
| Eau Claire   | 1,208         | 1,188         | 1,134         | 1,163         | 1,133         | 1,118         | 1,079         | 1,105         | 1,058         | 1,084         |
| Florence     | -             | 62            | 66            | 45            | 48            | 36            | 48            | 38            | 33            | 49            |
| Fond du Lac  | 1,270         | 1,224         | 1,215         | 1,107         | 1,128         | 1,119         | 1,138         | 1,118         | 1,141         | 1,202         |
| Forest       | 132           | 134           | 136           | 138           | 125           | 137           | 92            | 117           | 93            | 114           |
| Grant        | 661           | 606           | 595           | 555           | 544           | 561           | 497           | 526           | 505           | 476           |
| Green        | 418           | 420           | 419           | 380           | 368           | 390           | 408           | 370           | 379           | 392           |
| Green Lake   | 241           | 217           | 198           | 187           | 204           | 192           | 208           | 216           | 228           | 214           |
| Iowa         | 318           | 289           | 292           | 279           | 254           | 296           | 260           | 259           | 290           | 297           |
| Iron         | 68            | 65            | 55            | 64            | 66            | 63            | 57            | 63            | 38            | 20            |
| Jackson      | 217           | 219           | 215           | 217           | 204           | 189           | 193           | 211           | 198           | 198           |
| Jefferson    | 873           | 872           | 824           | 898           | 877           | 852           | 891           | 914           | 892           | 939           |
| Juneau       | 277           | 307           | 305           | 277           | 296           | 308           | 264           | 271           | 277           | 282           |
| Kenosha      | 2,043         | 2,234         | 2,167         | 2,039         | 2,026         | 2,040         | 2,008         | 2,027         | 2,077         | 2,162         |
| Kewaunee     | 237           | 216           | 229           | 226           | 216           | 218           | 214           | 228           | 220           | 240           |
| La Crosse    | 1,416         | 1,406         | 1,364         | 1,346         | 1,343         | 1,267         | 1,236         | 1,327         | 1,267         | 1,238         |
| Lafayette    | 227           | 240           | 214           | 198           | 180           | 176           | 180           | 159           | 175           | 169           |
| Langlade     | 232           | 244           | 263           | 266           | 219           | 228           | 214           | 229           | 199           | 236           |
| Lincoln      | 343           | 332           | 358           | 343           | 356           | 320           | 338           | 329           | 304           | 342           |
| Manitowoc    | 1,072         | 1,060         | 1,006         | 1,000         | 955           | 898           | 941           | 902           | 922           | 918           |

(Continued)

**Table 23. Number of Births by County of Residence, Wisconsin 1980-2001**

| County      | 1990   | 1991   | 1992   | 1993   | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Marathon    | 1,685  | 1,651  | 1,664  | 1,631  | 1,649  | 1,585  | 1,621  | 1,581  | 1,476  | 1,484  |
| Marinette   | 431    | 508    | 428    | 492    | 467    | 454    | 424    | 424    | 445    | 398    |
| Marquette   | 148    | 137    | 138    | 138    | 147    | 121    | 147    | 177    | 126    | 176    |
| Menominee   | 128    | 128    | 115    | 118    | 76     | 92     | 91     | 95     | 89     | 97     |
| Milwaukee   | 17,013 | 16,686 | 16,547 | 16,076 | 15,539 | 15,067 | 14,791 | 14,338 | 14,733 | 14,832 |
| Monroe      | 591    | 569    | 564    | 537    | 514    | 529    | 557    | 511    | 549    | 510    |
| Oconto      | 398    | 404    | 370    | 392    | 360    | 388    | 374    | 347    | 367    | 379    |
| Oneida      | 371    | 355    | 387    | 361    | 382    | 352    | 326    | 347    | 332    | 313    |
| Outagamie   | 2,273  | 2,273  | 2,212  | 2,134  | 2,166  | 2,056  | 2,101  | 2,176  | 2,172  | 2,191  |
| Ozaukee     | 945    | 964    | 950    | 956    | 929    | 934    | 961    | 860    | 967    | 871    |
| Pepin       | 90     | 100    | 83     | 80     | 76     | 83     | 75     | 87     | 81     | 98     |
| Pierce      | 477    | 423    | 398    | 405    | 435    | 403    | 373    | 344    | 434    | 379    |
| Polk        | 529    | 461    | 453    | 469    | 463    | 470    | 409    | 415    | 425    | 471    |
| Portage     | 913    | 804    | 851    | 815    | 814    | 788    | 796    | 759    | 741    | 789    |
| Price       | 185    | 206    | 178    | 181    | 157    | 184    | 154    | 150    | 157    | 141    |
| Racine      | 2,697  | 2,771  | 2,617  | 2,690  | 2,561  | 2,512  | 2,592  | 2,564  | 2,633  | 2,534  |
| Richland    | 219    | 213    | 201    | 200    | 208    | 196    | 187    | 192    | 199    | 193    |
| Rock        | 2,166  | 2,155  | 2,121  | 2,149  | 2,021  | 1,963  | 1,969  | 1,990  | 2,040  | 2,013  |
| Rusk        | 213    | 195    | 192    | 222    | 195    | 192    | 161    | 162    | 158    | 176    |
| St. Croix   | 840    | 797    | 819    | 713    | 754    | 725    | 767    | 758    | 777    | 886    |
| Sauk        | 670    | 648    | 620    | 678    | 662    | 670    | 676    | 697    | 711    | 671    |
| Sawyer      | 176    | 178    | 200    | 176    | 199    | 196    | 188    | 175    | 154    | 161    |
| Shawano     | 525    | 497    | 463    | 449    | 454    | 456    | 458    | 438    | 467    | 480    |
| Shebovgan   | 1,401  | 1,369  | 1,343  | 1,351  | 1,389  | 1,336  | 1,333  | 1,348  | 1,323  | 1,380  |
| Taylor      | 289    | 258    | 248    | 247    | 232    | 221    | 225    | 198    | 225    | 229    |
| Trempealeau | 369    | 356    | 367    | 333    | 348    | 315    | 326    | 328    | 337    | 296    |
| Vernon      | 332    | 352    | 318    | 319    | 334    | 351    | 338    | 347    | 344    | 374    |
| Vilas       | 201    | 208    | 205    | 201    | 152    | 205    | 167    | 171    | 175    | 170    |
| Walworth    | 996    | 999    | 935    | 911    | 978    | 952    | 1,019  | 1,019  | 1,067  | 1,107  |
| Washburn    | 159    | 141    | 167    | 162    | 155    | 168    | 148    | 144    | 148    | 155    |
| Washington  | 1,349  | 1,421  | 1,396  | 1,405  | 1,393  | 1,440  | 1,456  | 1,415  | 1,469  | 1,566  |
| Waukesha    | 4,046  | 4,058  | 4,026  | 3,963  | 4,122  | 4,120  | 4,138  | 4,156  | 4,124  | 4,284  |
| Waupaca     | 667    | 640    | 661    | 630    | 599    | 619    | 617    | 573    | 596    | 599    |
| Waushara    | 245    | 240    | 237    | 225    | 231    | 240    | 219    | 236    | 240    | 217    |
| Winnebago   | 1,936  | 1,983  | 1,883  | 1,901  | 1,864  | 1,838  | 1,756  | 1,826  | 1,725  | 1,798  |
| Wood        | 1,039  | 1,045  | 1,046  | 1,065  | 921    | 923    | 957    | 922    | 902    | 903    |
| Unknown     | -      | -      | -      | -      | 1      | -      | -      | -      | -      | -      |

(Continued)

**Table 23. Number of Births by County of Residence, Wisconsin 1980-2001**

| County       | 2000          | 2001          |
|--------------|---------------|---------------|
| <b>Total</b> | <b>69,289</b> | <b>69,012</b> |
| Adams        | 158           | 179           |
| Ashland      | 224           | 190           |
| Barron       | 466           | 472           |
| Bayfield     | 141           | 135           |
| Brown        | 3,212         | 3,232         |
| Buffalo      | 163           | 143           |
| Burnett      | 136           | 155           |
| Calumet      | 513           | 597           |
| Chippewa     | 673           | 672           |
| Clark        | 496           | 518           |
| Columbia     | 616           | 651           |
| Crawford     | 183           | 199           |
| Dane         | 5,555         | 5,520         |
| Dodge        | 994           | 926           |
| Door         | 232           | 262           |
| Douglas      | 513           | 513           |
| Dunn         | 483           | 445           |
| Eau Claire   | 1,116         | 1,146         |
| Florence     | 36            | 40            |
| Fond du Lac  | 1,151         | 1,091         |
| Forest       | 114           | 100           |
| Grant        | 540           | 547           |
| Green        | 402           | 397           |
| Green Lake   | 219           | 230           |
| Iowa         | 263           | 310           |
| Iron         | 40            | 48            |
| Jackson      | 233           | 205           |
| Jefferson    | 931           | 914           |
| Juneau       | 275           | 252           |
| Kenosha      | 2,151         | 2,119         |
| Kewaunee     | 224           | 243           |
| La Crosse    | 1,234         | 1,260         |
| Lafayette    | 174           | 200           |
| Langlade     | 209           | 213           |
| Lincoln      | 281           | 329           |
| Manitowoc    | 894           | 908           |

(Continued)

**Table 23. Number of Births by County of Residence, Wisconsin 1980-2001**

| County      | 2000   | 2001   |
|-------------|--------|--------|
| Marathon    | 1,520  | 1,534  |
| Marinette   | 457    | 386    |
| Marquette   | 146    | 162    |
| Menominee   | 93     | 93     |
| Milwaukee   | 14,846 | 14,727 |
| Monroe      | 602    | 593    |
| Oconto      | 383    | 392    |
| Oneida      | 316    | 278    |
| Outagamie   | 2,289  | 2,244  |
| Ozaukee     | 869    | 867    |
| Penin       | 79     | 88     |
| Pierce      | 412    | 383    |
| Polk        | 454    | 508    |
| Portage     | 805    | 743    |
| Price       | 125    | 139    |
| Racine      | 2,650  | 2,581  |
| Richland    | 201    | 204    |
| Rock        | 2,075  | 2,028  |
| Rusk        | 148    | 185    |
| St. Croix   | 908    | 912    |
| Sauk        | 755    | 701    |
| Sawyer      | 182    | 182    |
| Shawano     | 470    | 462    |
| Sheboygan   | 1,437  | 1,339  |
| Taylor      | 247    | 246    |
| Trempealeau | 322    | 330    |
| Vernon      | 390    | 377    |
| Vilas       | 155    | 194    |
| Walworth    | 1,102  | 1,136  |
| Washburn    | 163    | 156    |
| Washington  | 1,490  | 1,484  |
| Waukesha    | 4,357  | 4,421  |
| Waupaca     | 567    | 602    |
| Waushara    | 225    | 232    |
| Winnebago   | 1,926  | 1,851  |
| Wood        | 878    | 891    |
| Unknown     | -      | -      |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: In Wisconsin counties close to the Michigan border, births for 1990 are underreported to an unknown extent since Michigan did not report Wisconsin resident births for that year. In particular, all 1990 births among Florence County residents occurred in Michigan. Numbers of births for 1996 reported here are slightly different from those published in the 1996 report because other states filed 74 duplicate records for Wisconsin residents. A dash (-) indicates there were no births in that category.

**Table 24. Number and Rate of Births by Age of Mother, Wisconsin 1980-2001**

|             |        | Crude<br>Rate | Age of Mother |     |       |       |       |        |
|-------------|--------|---------------|---------------|-----|-------|-------|-------|--------|
| Year        |        |               | Total         | <15 | 15-17 | 18-19 | <20   | 20-24  |
| 1980        | Number |               | 74,763        | 93  | 2,741 | 6,379 | 9,213 | 25,321 |
|             | Rate   | 15.9          | 69.1          |     | 20.5  | 65.8  | 39.9  | 112.2  |
| 1981        | Number |               | 74,309        | 94  | 2,655 | 6,029 | 8,778 | 24,777 |
|             | Rate   | 15.7          | 68.1          |     | 21.0  | 64.6  | 39.9  | 108.2  |
| 1982        | Number |               | 74,327        | 91  | 2,452 | 5,659 | 8,202 | 24,477 |
|             | Rate   | 15.6          | 67.4          |     | 20.8  | 64.1  | 39.8  | 107.4  |
| 1983        | Number |               | 72,499        | 98  | 2,397 | 5,258 | 7,753 | 23,213 |
|             | Rate   | 15.3          | 65.3          |     | 21.0  | 60.4  | 38.6  | 103.2  |
| 1984        | Number |               | 73,050        | 98  | 2,305 | 4,973 | 7,376 | 22,544 |
|             | Rate   | 15.3          | 65.0          |     | 20.8  | 59.9  | 38.0  | 102.5  |
| 1985        | Number |               | 73,647        | 123 | 2,389 | 4,976 | 7,488 | 22,021 |
|             | Rate   | 15.4          | 64.2          |     | 21.7  | 62.4  | 39.4  | 101.9  |
| 1986        | Number |               | 72,229        | 121 | 2,340 | 4,679 | 7,140 | 20,342 |
|             | Rate   | 15.1          | 63.9          |     | 20.9  | 60.6  | 37.8  | 103.3  |
| 1987        | Number |               | 70,907        | 114 | 2,369 | 4,425 | 6,908 | 19,015 |
|             | Rate   | 14.7          | 63.7          |     | 21.6  | 58.0  | 37.1  | 103.9  |
| 1988        | Number |               | 70,711        | 133 | 2,322 | 4,486 | 6,941 | 18,018 |
|             | Rate   | 14.6          | 62.6          |     | 22.8  | 59.5  | 39.2  | 94.2   |
| 1989        | Number |               | 71,890        | 141 | 2,416 | 4,707 | 7,264 | 17,800 |
|             | Rate   | 14.8          | 63.8          |     | 25.4  | 62.5  | 42.6  | 96.8   |
| 1990        | Number |               | 72,636        | 148 | 2,337 | 4,925 | 7,410 | 17,477 |
|             | Rate   | 14.8          | 64.5          |     | 24.3  | 65.7  | 43.3  | 96.2   |
| 1991        | Number |               | 72,039        | 147 | 2,440 | 4,828 | 7,415 | 17,407 |
|             | Rate   | 14.6          | 63.4          |     | 24.9  | 71.1  | 44.7  | 94.9   |
| 1992        | Number |               | 70,662        | 159 | 2,427 | 4,622 | 7,208 | 16,597 |
|             | Rate   | 14.2          | 62.2          |     | 23.9  | 70.1  | 43.0  | 91.7   |
| 1993        | Number |               | 69,760        | 175 | 2,481 | 4,576 | 7,232 | 16,056 |
|             | Rate   | 13.8          | 61.4          |     | 23.8  | 67.7  | 42.0  | 90.9   |
| 1994        | Number |               | 68,267        | 161 | 2,497 | 4,379 | 7,037 | 15,331 |
|             | Rate   | 13.4          | 59.9          |     | 23.0  | 63.8  | 39.7  | 89.5   |
| 1995        | Number |               | 67,493        | 182 | 2,549 | 4,379 | 7,110 | 14,874 |
|             | Rate   | 13.2          | 58.9          |     | 22.5  | 62.7  | 38.8  | 88.7   |
| 1996        | Number |               | 67,076        | 143 | 2,507 | 4,453 | 7,103 | 14,331 |
|             | Rate   | 13.0          | 58.2          |     | 21.4  | 61.9  | 37.5  | 87.4   |
| 1997        | Number |               | 66,490        | 163 | 2,541 | 4,384 | 7,088 | 13,972 |
|             | Rate   | 12.7          | 57.6          |     | 21.1  | 58.5  | 36.3  | 84.8   |
| 1998        | Number |               | 67,379        | 111 | 2,366 | 4,570 | 7,047 | 14,632 |
|             | Rate   | 12.8          | 58.1          |     | 19.4  | 57.7  | 35.1  | 86.8   |
| 1999        | Number |               | 68,181        | 116 | 2,432 | 4,760 | 7,308 | 14,986 |
|             | Rate   | 12.9          | 58.8          |     | 20.2  | 57.4  | 36.0  | 86.9   |
| 2000        | Number |               | 69,289        | 99  | 2,225 | 4,753 | 7,077 | 15,606 |
|             | Rate   | 12.9          | 59.9          |     | 19.6  | 59.4  | 35.7  | 89.2   |
| 2001        | Number |               | 69,012        | 80  | 2,167 | 4,602 | 6,849 | 15,951 |
|             | Rate   | 12.7          | 59.0          |     | 18.8  | 56.9  | 34.2  | 90.2   |
| (Continued) |        |               |               |     |       |       |       |        |

(Continued)

**Table 24. Number and Rate of Births by Age of Mother, Wisconsin 1980-2001**

| Year |        | Age of Mother |        |       |       |       |     | Unknown |
|------|--------|---------------|--------|-------|-------|-------|-----|---------|
|      |        | 25-29         | 30-34  | 35-39 | 40+   | 40-44 | 45+ |         |
| 1980 | Number | 25,461        | 11,682 | 2,604 | 481   | 459   | 22  | 1       |
|      | Rate   | 127.5         | 67.3   | 19.0  | 4.1   | 4.0   |     |         |
| 1981 | Number | 25,471        | 12,104 | 2,699 | 480   | 442   | 38  |         |
|      | Rate   | 125.5         | 66.1   | 19.4  | 4.1   | 3.8   |     |         |
| 1982 | Number | 25,357        | 12,760 | 3,065 | 465   | 440   | 25  | 1       |
|      | Rate   | 124.9         | 66.1   | 20.4  | 3.8   | 3.6   |     |         |
| 1983 | Number | 24,787        | 12,974 | 3,285 | 485   | 462   | 23  | 2       |
|      | Rate   | 119.7         | 66.5   | 22.5  | 3.6   | 3.4   |     |         |
| 1984 | Number | 25,446        | 13,715 | 3,462 | 504   | 471   | 33  | 3       |
|      | Rate   | 120.6         | 67.2   | 20.6  | 4.0   | 3.7   |     |         |
| 1985 | Number | 25,693        | 14,170 | 3,769 | 505   | 473   | 32  | 1       |
|      | Rate   | 117.3         | 67.2   | 22.3  | 3.6   | 3.3   |     |         |
| 1986 | Number | 25,718        | 14,374 | 4,121 | 534   | 499   | 35  |         |
|      | Rate   | 120.2         | 70.5   | 23.0  | 3.6   | 3.4   |     |         |
| 1987 | Number | 25,393        | 14,709 | 4,353 | 528   | 498   | 30  | 1       |
|      | Rate   | 119.8         | 72.8   | 24.1  | 3.5   | 3.3   |     |         |
| 1988 | Number | 25,267        | 15,338 | 4,474 | 669   | 630   | 39  | 4       |
|      | Rate   | 116.6         | 73.9   | 24.1  | 4.4   | 4.2   |     |         |
| 1989 | Number | 25,265        | 15,922 | 4,909 | 721   | 683   | 38  | 9       |
|      | Rate   | 118.8         | 75.2   | 25.8  | 4.5   | 4.3   |     |         |
| 1990 | Number | 24,956        | 16,626 | 5,393 | 768   | 730   | 38  | 6       |
|      | Rate   | 123.7         | 78.7   | 27.8  | 4.6   | 4.4   |     |         |
| 1991 | Number | 23,958        | 16,960 | 5,481 | 817   | 773   | 44  | 1       |
|      | Rate   | 123.1         | 79.5   | 27.5  | 4.5   | 4.3   |     |         |
| 1992 | Number | 22,918        | 17,269 | 5,756 | 905   | 859   | 46  | 9       |
|      | Rate   | 121.5         | 81.1   | 28.3  | 5.0   | 4.7   |     |         |
| 1993 | Number | 22,154        | 17,347 | 6,024 | 942   | 898   | 44  | 5       |
|      | Rate   | 121.0         | 82.4   | 29.1  | 5.1   | 4.8   |     |         |
| 1994 | Number | 20,961        | 17,642 | 6,292 | 997   | 955   | 42  | 7       |
|      | Rate   | 117.9         | 84.6   | 29.6  | 5.2   | 4.9   |     |         |
| 1995 | Number | 20,374        | 17,442 | 6,612 | 1,074 | 1,026 | 48  | 7       |
|      | Rate   | 115.4         | 85.4   | 30.7  | 5.4   | 5.2   |     |         |
| 1996 | Number | 20,279        | 17,254 | 6,931 | 1,175 | 1,132 | 43  | 3       |
|      | Rate   | 115.0         | 86.6   | 31.6  | 5.7   | 5.5   |     |         |
| 1997 | Number | 19,994        | 17,198 | 7,008 | 1,228 | 1,172 | 56  | 2       |
|      | Rate   | 115.5         | 89.0   | 32.0  | 5.9   | 5.9   |     |         |
| 1998 | Number | 19,932        | 17,126 | 7,385 | 1,252 | 1,191 | 61  | 5       |
|      | Rate   | 117.7         | 90.5   | 33.8  | 5.9   | 5.6   |     |         |
| 1999 | Number | 19,716        | 17,407 | 7,427 | 1,328 | 1,257 | 71  | 9       |
|      | Rate   | 119.8         | 93.8   | 34.3  | 6.1   | 5.8   |     |         |
| 2000 | Number | 19,594        | 17,692 | 7,776 | 1,539 | 1,463 | 76  | 5       |
|      | Rate   | 119.5         | 96.2   | 35.7  | 7.0   | 6.7   |     |         |
| 2001 | Number | 19,176        | 17,745 | 7,737 | 1,552 | 1,480 | 72  | 2       |
|      | Rate   | 115.8         | 95.5   | 35.2  | 7.0   | 6.7   |     |         |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Rates shown for ages &lt;20 include births to mothers less than 15 years old, with population ages 15-19.

Rates shown for ages 40+ include births to mothers ages 45 or older, with population ages 40-44.

**Table 25. Total Births and Births to Teenagers and Unmarried Mothers, Wisconsin 1980-2001**

| Year | Total Births |       | Ages Under 18 |           | Ages 18-19 |           | Mother Unmarried |           |
|------|--------------|-------|---------------|-----------|------------|-----------|------------------|-----------|
|      | Number       | Rate* | Number        | Percent** | Number     | Percent** | Number           | Percent** |
| 1980 | 74,763       | 15.9  | 2,834         | 3.8       | 6,379      | 8.5       | 10,352           | 13.8      |
| 1981 | 74,309       | 15.7  | 2,749         | 3.7       | 6,029      | 8.1       | 10,622           | 14.3      |
| 1982 | 74,327       | 15.6  | 2,543         | 3.4       | 5,659      | 7.6       | 11,187           | 15.1      |
| 1983 | 72,499       | 15.3  | 2,495         | 3.4       | 5,258      | 7.3       | 11,501           | 15.9      |
| 1984 | 73,050       | 15.3  | 2,403         | 3.3       | 4,973      | 6.8       | 12,101           | 16.6      |
| 1985 | 73,647       | 15.4  | 2,512         | 3.4       | 4,976      | 6.8       | 13,346           | 18.1      |
| 1986 | 72,229       | 15.1  | 2,461         | 3.4       | 4,679      | 6.5       | 14,166           | 19.6      |
| 1987 | 70,907       | 14.7  | 2,483         | 3.5       | 4,425      | 6.2       | 14,686           | 20.7      |
| 1988 | 70,711       | 14.6  | 2,455         | 3.5       | 4,486      | 6.3       | 15,511           | 21.9      |
| 1989 | 71,890       | 14.8  | 2,557         | 3.6       | 4,707      | 6.5       | 16,790           | 23.4      |
| 1990 | 72,636       | 14.8  | 2,485         | 3.4       | 4,925      | 6.8       | 17,615           | 24.3      |
| 1991 | 72,039       | 14.6  | 2,587         | 3.6       | 4,828      | 6.7       | 18,226           | 25.3      |
| 1992 | 70,662       | 14.2  | 2,586         | 3.7       | 4,622      | 6.5       | 18,443           | 26.1      |
| 1993 | 69,760       | 13.8  | 2,656         | 3.8       | 4,576      | 6.6       | 18,878           | 27.1      |
| 1994 | 68,267       | 13.4  | 2,658         | 3.9       | 4,379      | 6.4       | 18,523           | 27.1      |
| 1995 | 67,493       | 13.2  | 2,731         | 4.0       | 4,379      | 6.5       | 18,420           | 27.3      |
| 1996 | 67,076       | 13.0  | 2,650         | 4.0       | 4,453      | 6.6       | 18,526           | 27.6      |
| 1997 | 66,490       | 12.7  | 2,704         | 4.1       | 4,384      | 6.6       | 18,884           | 28.4      |
| 1998 | 67,379       | 12.8  | 2,477         | 3.7       | 4,570      | 6.8       | 19,599           | 29.1      |
| 1999 | 68,181       | 12.9  | 2,548         | 3.7       | 4,760      | 7.0       | 20,131           | 29.5      |
| 2000 | 69,289       | 12.9  | 2,324         | 3.4       | 4,753      | 6.9       | 20,543           | 29.6      |
| 2001 | 69,012       | 12.7  | 2,247         | 3.3       | 4,602      | 6.7       | 20,879           | 30.3      |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

\* Crude birth rate, which is the number of live births per 1,000 estimated mid-year total population.

\*\* Percentages are based on total live births.

**Table 26. Births by Selected Birth Indicators, Wisconsin 1980-2001**

| Year | Birth Order<br>4 and Above |          | Prenatal Care<br>During<br>First Trimester |          | Birthweight<br>Less Than<br>2,500 Grams |          | Premature<br>(Gestation<br><37 Weeks) |          | Congenital<br>Anomalies |        |
|------|----------------------------|----------|--|----------|---|----------|---------------------------------------|----------|-------------------------|--------|
|      | Number                     | Percent* | Number                                     | Percent* | Number                                  | Percent* | Number                                | Percent* | Number                  | Rate** |
| 1980 | 7,035                      | 9.4      | 61,796                                     | 82.7     | 4,037                                   | 5.4      | 4,037                                 | 5.4      | 795                     | 10.6   |
| 1981 | 7,054                      | 9.5      | 61,582                                     | 82.9     | 3,925                                   | 5.3      | 3,925                                 | 5.3      | 926                     | 12.5   |
| 1982 | 6,677                      | 9.0      | 61,420                                     | 82.6     | 3,734                                   | 5.0      | 3,734                                 | 5.0      | 877                     | 11.8   |
| 1983 | 6,904                      | 9.5      | 60,240                                     | 83.1     | 3,943                                   | 5.4      | 4,629                                 | 6.4      | 983                     | 13.6   |
| 1984 | 6,973                      | 9.5      | 61,225                                     | 83.8     | 3,756                                   | 5.1      | 4,488                                 | 6.1      | 1,103                   | 15.1   |
| 1985 | 7,206                      | 9.8      | 60,859                                     | 82.6     | 3,889                                   | 5.3      | 4,720                                 | 6.4      | 1,006                   | 13.7   |
| 1986 | 7,587                      | 10.5     | 59,652                                     | 82.6     | 3,876                                   | 5.4      | 4,802                                 | 6.6      | 952                     | 13.2   |
| 1987 | 7,387                      | 10.4     | 58,882                                     | 83.0     | 3,849                                   | 5.4      | 4,825                                 | 6.8      | 1,144                   | 16.1   |
| 1988 | 7,849                      | 11.1     | 58,551                                     | 82.8     | 3,857                                   | 5.5      | 4,834                                 | 6.8      | 1,197                   | 16.9   |
| 1989 | 8,022                      | 11.2     | 58,564                                     | 81.5     | 4,145                                   | 5.8      | 6,098                                 | 8.5      | 1,742                   | 24.2   |
| 1990 | 8,272                      | 11.4     | 59,275                                     | 81.6     | 4,284                                   | 5.9      | 6,517                                 | 9.0      | 1,523                   | 21.0   |
| 1991 | 8,323                      | 11.6     | 58,705                                     | 81.5     | 4,435                                   | 6.2      | 6,794                                 | 9.4      | 1,355                   | 18.8   |
| 1992 | 8,396                      | 11.9     | 57,804                                     | 81.8     | 4,204                                   | 5.9      | 6,524                                 | 9.2      | 1,260                   | 17.8   |
| 1993 | 8,274                      | 11.9     | 57,251                                     | 82.1     | 4,299                                   | 6.2      | 6,576                                 | 9.4      | 1,098                   | 15.7   |
| 1994 | 8,149                      | 11.9     | 56,717                                     | 83.1     | 4,358                                   | 6.4      | 6,795                                 | 10.0     | 847                     | 12.4   |
| 1995 | 7,935                      | 11.8     | 56,155                                     | 83.2     | 4,066                                   | 6.0      | 6,566                                 | 9.7      | 899                     | 13.3   |
| 1996 | 7,689                      | 11.5     | 56,273                                     | 83.9     | 4,217                                   | 6.3      | 6,607                                 | 9.9      | 912                     | 13.6   |
| 1997 | 7,622                      | 11.5     | 56,112                                     | 84.4     | 4,262                                   | 6.4      | 6,718                                 | 10.1     | 1,038                   | 15.6   |
| 1998 | 7,644                      | 11.3     | 56,645                                     | 84.1     | 4,412                                   | 6.5      | 6,910                                 | 10.3     | 988                     | 14.7   |
| 1999 | 7,494                      | 11.0     | 57,203                                     | 83.9     | 4,552                                   | 6.7      | 7,108                                 | 10.4     | 908                     | 13.3   |
| 2000 | 7,800                      | 11.3     | 58,129                                     | 83.9     | 4,526                                   | 6.5      | 7,197                                 | 10.4     | 902                     | 13.0   |
| 2001 | 7,897                      | 11.4     | 57,747                                     | 83.7     | 4,557                                   | 6.6      | 7,433                                 | 10.8     | 876                     | 12.7   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

\* Percentages are based on total live births.

\*\* Rates are per 1,000 live births.

Notes: "Premature" means less than 37 weeks of gestation. Since 1980, gestational age has been calculated as the difference between the date of last normal menses and the date of delivery. Since 1993, clinical estimate of gestation has been substituted when date of last normal menses is unknown. Data for 1989-1992 shown on this page were recalculated to make them comparable with data for subsequent years, and differ from previously published data. (See Figure 17, page 28.) Caution is advised in making comparisons between data for 1989-2001 and data for the years before 1989.

See Technical Notes (page 105) regarding comparability of data on congenital anomalies since 1989.

**Table 27. Infant, Neonatal, Fetal and Perinatal Deaths and Mortality Rates, Wisconsin 1980-2001**

| Year | <u>Infant Deaths</u> |               |       | <u>Neonatal Deaths</u> |               |       | <u>Fetal Deaths</u> |        |                | <u>Perinatal Deaths</u> |        |                |
|------|----------------------|---------------|-------|------------------------|---------------|-------|---------------------|--------|----------------|-------------------------|--------|----------------|
|      | Wisconsin<br>Number  | U.S.<br>Rate* | Rate* | Wisconsin<br>Number    | U.S.<br>Rate* | Rate* | Wisconsin<br>Number | Rate** | U.S.<br>Rate** | Wisconsin<br>Number     | Rate** | U.S.<br>Rate** |
| 1980 | 769                  | 10.3          | 12.6  | 500                    | 6.7           | 8.5   | 532                 | 7.1    | 9.1            | 1,032                   | 13.7   | 17.4           |
| 1981 | 769                  | 10.3          | 11.9  | 514                    | 6.9           | 8.0   | 552                 | 7.4    | 8.9            | 1,066                   | 14.2   | 16.9           |
| 1982 | 700                  | 9.4           | 11.5  | 460                    | 6.2           | 7.7   | 524                 | 7.0    | 8.8            | 984                     | 13.1   | 16.4           |
| 1983 | 699                  | 9.6           | 11.2  | 459                    | 6.3           | 7.3   | 476                 | 6.5    | 8.4            | 935                     | 12.8   | 15.6           |
| 1984 | 724                  | 9.9           | 10.8  | 458                    | 6.3           | 7.0   | 517                 | 7.0    | 8.1            | 975                     | 13.2   | 15.1           |
| 1985 | 674                  | 9.2           | 10.6  | 414                    | 5.6           | 7.0   | 481                 | 6.5    | 7.8            | 895                     | 12.1   | 14.7           |
| 1986 | 671                  | 9.3           | 10.4  | 414                    | 5.7           | 6.7   | 471                 | 6.5    | 7.7            | 885                     | 12.2   | 14.3           |
| 1987 | 611                  | 8.6           | 10.1  | 361                    | 5.1           | 6.5   | 445                 | 6.2    | 7.6            | 806                     | 11.3   | 14.1           |
| 1988 | 598                  | 8.5           | 10.0  | 358                    | 5.1           | 6.3   | 430                 | 6.0    | 7.5            | 788                     | 11.1   | 13.7           |
| 1989 | 662                  | 9.2           | 9.8   | 401                    | 5.6           | 6.2   | 480                 | 6.6    | 7.5            | 881                     | 12.2   | 13.7           |
| 1990 | 611                  | 8.4           | 9.2   | 358                    | 4.9           | 5.8   | 444                 | 6.1    | 7.5            | 802                     | 11.0   | 13.3           |
| 1991 | 608                  | 8.4           | 8.9   | 370                    | 5.1           | 5.6   | 427                 | 5.9    | 7.3            | 797                     | 11.0   | 12.8           |
| 1992 | 514                  | 7.3           | 8.6   | 310                    | 4.4           | 5.4   | 457                 | 6.4    | 7.4            | 767                     | 10.8   | 12.7           |
| 1993 | 553                  | 7.9           | 8.4   | 331                    | 4.7           | 5.3   | 401                 | 5.7    | 7.1            | 732                     | 10.4   | 12.4           |
| 1994 | 541                  | 7.9           | 8.0   | 327                    | 4.8           | 5.1   | 438                 | 6.4    | 7.0            | 765                     | 11.1   | 12.1           |
| 1995 | 493                  | 7.3           | 7.6   | 311                    | 4.6           | 4.9   | 403                 | 5.9    | 7.0            | 714                     | 10.5   | 11.8           |
| 1996 | 492                  | 7.3           | 7.3   | 314                    | 4.7           | 4.8   | 416                 | 6.2    | 6.9            | 730                     | 10.9   | 11.6           |
| 1997 | 431                  | 6.5           | 7.2   | 294                    | 4.4           | 4.8   | 361                 | 5.4    | 6.8            | 655                     | 9.8    | 11.5           |
| 1998 | 488                  | 7.2           | 7.2   | 343                    | 5.1           | 4.8   | 401                 | 5.9    | 6.7            | 744                     | 11.0   | n/a            |
| 1999 | 456                  | 6.7           | 7.1   | 294                    | 4.3           | 4.7   | 353                 | 5.2    | n/a            | 647                     | 9.4    | n/a            |
| 2000 | 457                  | 6.6           | 6.9   | 302                    | 4.4           | 4.6   | 414                 | 5.9    | n/a            | 716                     | 10.3   | n/a            |
| 2001 | 491                  | 7.1           | n/a   | 323                    | 4.7           | n/a   | 375                 | 5.4    | n/a            | 698                     | 10.1   | n/a            |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

\* Rates are per 1,000 live births.

\*\* Rates are per 1,000 live births and fetal deaths.

n/a not available.

Notes: U.S. rates of perinatal death for the years 1992-1997 are from the National Center for Health Statistics (unpublished data). See Technical Notes (page 105) for definition of perinatal deaths.  
The 2000 U.S. infant mortality rate is preliminary.

**Table A1. Number of Births by Age of Mother and Selected Characteristics, Wisconsin 2001**

|                                       | <b>Total</b>  | <b>&lt;15</b> | <b>15-17</b> | <b>18-19</b> | <b>20-24</b>  | <b>25-29</b>  | <b>30-34</b>  | <b>35-39</b> | <b>40-44</b> | <b>45+</b> |
|---------------------------------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|------------|
| <b>Total</b>                          | <b>69,012</b> | <b>80</b>     | <b>2,167</b> | <b>4,602</b> | <b>15,951</b> | <b>19,176</b> | <b>17,745</b> | <b>7,737</b> | <b>1,480</b> | <b>72</b>  |
| <b>Education</b>                      |               |               |              |              |               |               |               |              |              |            |
| Elem. or Less                         | 2,483         | 64            | 208          | 168          | 635           | 632           | 445           | 255          | 65           | 11         |
| Some H.S.                             | 8,810         | 14            | 1,807        | 1,840        | 3,013         | 1,267         | 537           | 276          | 52           | 4          |
| H.S. Grad                             | 21,289        | -             | 141          | 2,303        | 7,607         | 5,447         | 3,707         | 1,708        | 361          | 15         |
| Some College                          | 16,545        | -             | -            | 282          | 3,744         | 5,648         | 4,544         | 1,954        | 356          | 17         |
| College Grad                          | 11,683        | -             | -            | -            | 685           | 3,915         | 4,738         | 1,991        | 344          | 10         |
| Post-Grad                             | 8,012         | -             | -            | -            | 216           | 2,230         | 3,731         | 1,528        | 295          | 12         |
| Unknown                               | 190           | 2             | 11           | 9            | 51            | 37            | 43            | 25           | 7            | 3          |
| <b>Marital Status</b>                 |               |               |              |              |               |               |               |              |              |            |
| Married                               | 48,132        | -             | 171          | 847          | 7,615         | 15,409        | 15,886        | 6,880        | 1,264        | 60         |
| Unmarried                             | 20,879        | 80            | 1,996        | 3,755        | 8,336         | 3,767         | 1,859         | 857          | 216          | 12         |
| Unknown                               | 1             | -             | -            | -            | -             | -             | -             | -            | -            | -          |
| <b>Trimester Prenatal Care Began</b>  |               |               |              |              |               |               |               |              |              |            |
| First                                 | 57,747        | 35            | 1,310        | 3,219        | 12,379        | 16,705        | 15,998        | 6,808        | 1,241        | 52         |
| Second                                | 8,830         | 27            | 656          | 1,080        | 2,806         | 1,974         | 1,398         | 700          | 175          | 14         |
| Third                                 | 1,715         | 18            | 152          | 212          | 552           | 346           | 234           | 155          | 42           | 4          |
| None                                  | 550           | -             | 45           | 78           | 167           | 107           | 79            | 55           | 17           | 2          |
| Unknown                               | 170           | -             | 4            | 13           | 47            | 44            | 36            | 19           | 5            | -          |
| <b>Number of Prenatal Care Visits</b> |               |               |              |              |               |               |               |              |              |            |
| No Visits                             | 549           | -             | 45           | 77           | 167           | 107           | 79            | 55           | 17           | 2          |
| 1-4                                   | 1,994         | 10            | 148          | 237          | 633           | 419           | 307           | 183          | 54           | 3          |
| 5-9                                   | 12,624        | 35            | 669          | 1,177        | 3,510         | 3,129         | 2,585         | 1,252        | 250          | 17         |
| 10-12                                 | 30,219        | 25            | 860          | 1,886        | 6,821         | 8,564         | 7,998         | 3,398        | 635          | 32         |
| 13+                                   | 23,383        | 10            | 437          | 1,211        | 4,753         | 6,898         | 6,717         | 2,825        | 515          | 17         |
| Unknown                               | 243           | -             | 8            | 14           | 67            | 59            | 59            | 24           | 9            | 1          |
| <b>Smoked During Pregnancy</b>        |               |               |              |              |               |               |               |              |              |            |
| No                                    | 58,026        | 70            | 1,746        | 3,261        | 11,929        | 16,658        | 16,104        | 6,884        | 1,311        | 62         |
| Yes                                   | 10,907        | 10            | 418          | 1,338        | 4,010         | 2,493         | 1,623         | 838          | 167          | 10         |
| Unknown                               | 79            | -             | 3            | 3            | 12            | 25            | 18            | 15           | 2            | -          |
| <b>Live Birth Order</b>               |               |               |              |              |               |               |               |              |              |            |
| 1                                     | 27,047        | 79            | 1,968        | 3,514        | 7,553         | 7,419         | 4,791         | 1,457        | 252          | 13         |
| 2                                     | 22,732        | 1             | 187          | 889          | 5,362         | 6,702         | 6,751         | 2,452        | 377          | 10         |
| 3                                     | 11,330        | -             | 11           | 174          | 2,138         | 3,101         | 3,671         | 1,898        | 324          | 13         |
| 4                                     | 4,377         | -             | 1            | 24           | 635           | 1,173         | 1,396         | 944          | 193          | 11         |
| 5+                                    | 3,520         | -             | -            | 1            | 261           | 781           | 1,134         | 985          | 333          | 25         |
| Unknown                               | 6             | -             | -            | -            | 2             | -             | 2             | 1            | 1            | -          |
| <b>Plurality</b>                      |               |               |              |              |               |               |               |              |              |            |
| Single Birth                          | 66,944        | 80            | 2,142        | 4,536        | 15,535        | 18,639        | 17,065        | 7,455        | 1,428        | 62         |
| Multiple Birth                        | 2,068         | -             | 25           | 66           | 416           | 537           | 680           | 282          | 52           | 10         |
| <b>Prematurity</b>                    |               |               |              |              |               |               |               |              |              |            |
| Full-Term (37+ Weeks)                 | 61,566        | 67            | 1,828        | 4,048        | 14,223        | 17,299        | 15,879        | 6,897        | 1,270        | 55         |
| Premature (<37 Weeks)                 | 7,433         | 13            | 339          | 554          | 1,726         | 1,874         | 1,863         | 838          | 209          | 17         |
| Unknown                               | 13            | -             | -            | -            | 2             | 3             | 3             | 2            | 1            | -          |
| <b>Attendant at Birth</b>             |               |               |              |              |               |               |               |              |              |            |
| Physician, M.D.                       | 61,571        | 68            | 1,846        | 4,012        | 13,892        | 17,177        | 16,183        | 7,014        | 1,322        | 56         |
| Physician, D.O.                       | 2,484         | -             | 70           | 142          | 609           | 707           | 628           | 293          | 33           | 2          |
| Cert. Nurse Midwife                   | 3,898         | 12            | 239          | 422          | 1,210         | 989           | 685           | 272          | 63           | 6          |
| Other Midwife                         | 568           | -             | 1            | 6            | 112           | 164           | 149           | 89           | 43           | 4          |
| Other                                 | 490           | -             | 11           | 20           | 128           | 139           | 99            | 69           | 19           | 4          |
| Unknown                               | 1             | -             | -            | -            | -             | -             | 1             | -            | -            | -          |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 2 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

**Detailed Statewide Information**

**Table A2. Percent of Births by Age of Mother and Selected Characteristics, Wisconsin 2001**

|                                       | Total         | <15           | 15-17         | 18-19         | 20-24         | 25-29         | 30-34         | 35-39         | 40-44         | 45+           |
|---------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Total</b>                          | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>Education</b>                      |               |               |               |               |               |               |               |               |               |               |
| Elem. or Less                         | 3.6           | 80.0          | 9.6           | 3.7           | 4.0           | 3.3           | 2.5           | 3.3           | 4.4           | 15.3          |
| Some H.S.                             | 12.8          | 17.5          | 83.4          | 40.0          | 18.9          | 6.6           | 3.0           | 3.6           | 3.5           | 5.6           |
| H.S. Grad                             | 30.8          | -             | 6.5           | 50.0          | 47.7          | 28.4          | 20.9          | 22.1          | 24.4          | 20.8          |
| Some College                          | 24.0          | -             | -             | 6.1           | 23.5          | 29.5          | 25.6          | 25.3          | 24.1          | 23.6          |
| College Grad                          | 16.9          | -             | -             | -             | 4.3           | 20.4          | 26.7          | 25.7          | 23.2          | 13.9          |
| Post-Grad                             | 11.6          | -             | -             | -             | 1.4           | 11.6          | 21.0          | 19.7          | 19.9          | 16.7          |
| Unknown                               | 0.3           | 2.5           | 0.5           | 0.2           | 0.3           | 0.2           | 0.2           | 0.3           | 0.5           | 4.2           |
| <b>Marital Status</b>                 |               |               |               |               |               |               |               |               |               |               |
| Married                               | 69.7          | -             | 7.9           | 18.4          | 47.7          | 80.4          | 89.5          | 88.9          | 85.4          | 83.3          |
| Unmarried                             | 30.3          | 100.0         | 92.1          | 81.6          | 52.3          | 19.6          | 10.5          | 11.1          | 14.6          | 16.7          |
| Unknown                               | 0.0           | -             | -             | -             | 0.0           | -             | -             | -             | -             | -             |
| <b>Trimester Prenatal Care Began</b>  |               |               |               |               |               |               |               |               |               |               |
| First                                 | 83.7          | 43.8          | 60.5          | 69.9          | 77.6          | 87.1          | 90.2          | 88.0          | 83.9          | 72.2          |
| Second                                | 12.8          | 33.8          | 30.3          | 23.5          | 17.6          | 10.3          | 7.9           | 9.0           | 11.8          | 19.4          |
| Third                                 | 2.5           | 22.5          | 7.0           | 4.6           | 3.5           | 1.8           | 1.3           | 2.0           | 2.8           | 5.6           |
| None                                  | 0.8           | -             | 2.1           | 1.7           | 1.0           | 0.6           | 0.4           | 0.7           | 1.1           | 2.8           |
| Unknown                               | 0.2           | -             | 0.2           | 0.3           | 0.3           | 0.2           | 0.2           | 0.2           | 0.3           | -             |
| <b>Number of Prenatal Care Visits</b> |               |               |               |               |               |               |               |               |               |               |
| No Visits                             | 0.8           | -             | 2.1           | 1.7           | 1.0           | 0.6           | 0.4           | 0.7           | 1.1           | 2.8           |
| 1-4                                   | 2.9           | 12.5          | 6.8           | 5.1           | 4.0           | 2.2           | 1.7           | 2.4           | 3.6           | 4.2           |
| 5-9                                   | 18.3          | 43.8          | 30.9          | 25.6          | 22.0          | 16.3          | 14.6          | 16.2          | 16.9          | 23.6          |
| 10-12                                 | 43.8          | 31.3          | 39.7          | 41.0          | 42.8          | 44.7          | 45.1          | 43.9          | 42.9          | 44.4          |
| 13+                                   | 33.9          | 12.5          | 20.2          | 26.3          | 29.8          | 36.0          | 37.9          | 36.5          | 34.8          | 23.6          |
| Unknown                               | 0.4           | -             | 0.4           | 0.3           | 0.4           | 0.3           | 0.3           | 0.3           | 0.6           | 1.4           |
| <b>Smoked During Pregnancy</b>        |               |               |               |               |               |               |               |               |               |               |
| No                                    | 84.1          | 87.5          | 80.6          | 70.9          | 74.8          | 86.9          | 90.8          | 89.0          | 88.6          | 86.1          |
| Yes                                   | 15.8          | 12.5          | 19.3          | 29.1          | 25.1          | 13.0          | 9.1           | 10.8          | 11.3          | 13.9          |
| Unknown                               | 0.1           | -             | 0.1           | 0.1           | 0.1           | 0.1           | 0.1           | 0.2           | 0.1           | -             |
| <b>Live Birth Order</b>               |               |               |               |               |               |               |               |               |               |               |
| 1                                     | 39.2          | 98.8          | 90.8          | 76.4          | 47.4          | 38.7          | 27.0          | 18.8          | 17.0          | 18.1          |
| 2                                     | 32.9          | 1.3           | 8.6           | 19.3          | 33.6          | 34.9          | 38.0          | 31.7          | 25.5          | 13.9          |
| 3                                     | 16.4          | -             | 0.5           | 3.8           | 13.4          | 16.2          | 20.7          | 24.5          | 21.9          | 18.1          |
| 4                                     | 6.3           | -             | 0.0           | 0.5           | 4.0           | 6.1           | 7.9           | 12.2          | 13.0          | 15.3          |
| 5+                                    | 5.1           | -             | -             | 0.0           | 1.6           | 4.1           | 6.4           | 12.7          | 22.5          | 34.7          |
| Unknown                               | 0.0           | -             | -             | -             | 0.0           | -             | 0.0           | 0.0           | 0.1           | -             |
| <b>Plurality</b>                      |               |               |               |               |               |               |               |               |               |               |
| Single Birth                          | 97.0          | 100.0         | 98.8          | 98.6          | 97.4          | 97.2          | 96.2          | 96.4          | 96.5          | 86.1          |
| Multiple Birth                        | 3.0           | -             | 1.2           | 1.4           | 2.6           | 2.8           | 3.8           | 3.6           | 3.5           | 13.9          |
| <b>Prematurity</b>                    |               |               |               |               |               |               |               |               |               |               |
| Full Term (37+ Weeks)                 | 89.2          | 83.8          | 84.4          | 88.0          | 89.2          | 90.2          | 89.5          | 89.1          | 85.8          | 76.4          |
| Premature (<37 Weeks)                 | 10.8          | 16.3          | 15.6          | 12.0          | 10.8          | 9.8           | 10.5          | 10.8          | 14.1          | 23.6          |
| Unknown                               | 0.0           | -             | -             | -             | 0.0           | 0.0           | 0.0           | 0.0           | 0.1           | -             |
| <b>Attendant at Birth</b>             |               |               |               |               |               |               |               |               |               |               |
| Physician, M.D.                       | 89.2          | 85.0          | 85.2          | 87.2          | 87.1          | 89.6          | 91.2          | 90.7          | 89.3          | 77.8          |
| Physician, D.O.                       | 3.6           | -             | 3.2           | 3.1           | 3.8           | 3.7           | 3.5           | 3.8           | 2.2           | 2.8           |
| Cert. Nurse Midwife                   | 5.6           | 15.0          | 11.0          | 9.2           | 7.6           | 5.2           | 3.9           | 3.5           | 4.3           | 8.3           |
| Other Midwife                         | 0.8           | -             | 0.1           | 0.1           | 0.7           | 0.9           | 0.8           | 1.2           | 2.9           | 5.6           |
| Other                                 | 0.7           | -             | 0.5           | 0.4           | 0.8           | 0.7           | 0.6           | 0.9           | 1.3           | 5.6           |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 2 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table B1. Number of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2001**

|                                       | <b>Total</b>  | <b>White</b>  | <b>Black/Afr.<br/>American</b> | <b>American<br/>Indian</b> | <b>Hispanic/<br/>Latino</b> | <b>Laotian/<br/>Hmong</b> | <b>Other</b> |
|---------------------------------------|---------------|---------------|--------------------------------|----------------------------|-----------------------------|---------------------------|--------------|
| <b>Total</b>                          | <b>69,012</b> | <b>53,969</b> | <b>6,467</b>                   | <b>916</b>                 | <b>5,145</b>                | <b>1,046</b>              | <b>1,446</b> |
| <b>Age of Mother</b>                  |               |               |                                |                            |                             |                           |              |
| <15                                   | 80            | 21            | 43                             | 3                          | 10                          | 2                         | 1            |
| 15-17                                 | 2,167         | 977           | 674                            | 66                         | 323                         | 102                       | 25           |
| 18-19                                 | 4,602         | 2,751         | 948                            | 120                        | 567                         | 136                       | 77           |
| 20-24                                 | 15,951        | 10,998        | 2,329                          | 321                        | 1,741                       | 314                       | 241          |
| 25-29                                 | 19,176        | 15,629        | 1,321                          | 210                        | 1,341                       | 232                       | 440          |
| 30-34                                 | 17,745        | 15,553        | 726                            | 115                        | 765                         | 146                       | 434          |
| 35-39                                 | 7,737         | 6,715         | 344                            | 62                         | 332                         | 87                        | 194          |
| 40-44                                 | 1,480         | 1,268         | 78                             | 19                         | 64                          | 20                        | 31           |
| 45+                                   | 72            | 56            | 4                              | -                          | 2                           | 7                         | 3            |
| Unknown                               | 2             | 1             | -                              | -                          | -                           | -                         | -            |
| <b>Education of Mother</b>            |               |               |                                |                            |                             |                           |              |
| Elem. or Less                         | 2,483         | 898           | 170                            | 13                         | 1,168                       | 209                       | 25           |
| Some H.S.                             | 8,810         | 4,329         | 2,405                          | 269                        | 1,466                       | 218                       | 118          |
| H.S. Grad                             | 21,289        | 16,374        | 2,324                          | 361                        | 1,545                       | 378                       | 306          |
| Some College                          | 16,545        | 14,197        | 1,150                          | 191                        | 576                         | 148                       | 281          |
| College Grad                          | 11,683        | 10,764        | 255                            | 46                         | 211                         | 45                        | 358          |
| Post-Grad                             | 8,012         | 7,318         | 143                            | 33                         | 140                         | 20                        | 350          |
| Unknown                               | 190           | 89            | 20                             | 3                          | 39                          | 28                        | 8            |
| <b>Marital Status</b>                 |               |               |                                |                            |                             |                           |              |
| Married                               | 48,132        | 41,787        | 1,117                          | 300                        | 2,831                       | 875                       | 1,205        |
| Unmarried                             | 20,879        | 12,182        | 5,350                          | 616                        | 2,314                       | 171                       | 241          |
| Unknown                               | 1             | -             | -                              | -                          | -                           | -                         | -            |
| <b>Trimester Prenatal Care Began</b>  |               |               |                                |                            |                             |                           |              |
| First                                 | 57,747        | 47,256        | 4,485                          | 661                        | 3,583                       | 511                       | 1,234        |
| Second                                | 8,830         | 5,320         | 1,441                          | 195                        | 1,229                       | 469                       | 171          |
| Third                                 | 1,715         | 965           | 356                            | 47                         | 259                         | 60                        | 28           |
| None                                  | 550           | 298           | 167                            | 9                          | 63                          | 4                         | 9            |
| Unknown                               | 170           | 130           | 18                             | 4                          | 11                          | 2                         | 4            |
| <b>Number of Prenatal Care Visits</b> |               |               |                                |                            |                             |                           |              |
| No Visits                             | 549           | 297           | 167                            | 9                          | 63                          | 4                         | 9            |
| 1-4                                   | 1,994         | 1,082         | 488                            | 55                         | 259                         | 71                        | 39           |
| 5-9                                   | 12,624        | 8,560         | 1,694                          | 274                        | 1,346                       | 460                       | 285          |
| 10-12                                 | 30,219        | 24,020        | 2,608                          | 333                        | 2,223                       | 382                       | 641          |
| 13+                                   | 23,383        | 19,820        | 1,486                          | 242                        | 1,237                       | 126                       | 467          |
| Unknown                               | 243           | 190           | 24                             | 3                          | 17                          | 3                         | 5            |
| <b>Smoked During Pregnancy</b>        |               |               |                                |                            |                             |                           |              |
| No                                    | 58,026        | 44,989        | 5,230                          | 570                        | 4,852                       | 1,020                     | 1,347        |
| Yes                                   | 10,907        | 8,905         | 1,237                          | 345                        | 293                         | 26                        | 98           |
| Unknown                               | 79            | 75            | -                              | 1                          | -                           | -                         | 1            |
| <b>Live Birth Order</b>               |               |               |                                |                            |                             |                           |              |
| 1                                     | 27,047        | 21,525        | 2,219                          | 340                        | 1,991                       | 268                       | 692          |
| 2                                     | 22,732        | 18,592        | 1,664                          | 277                        | 1,534                       | 185                       | 472          |
| 3                                     | 11,330        | 8,732         | 1,200                          | 165                        | 915                         | 149                       | 168          |
| 4                                     | 4,377         | 3,061         | 664                            | 76                         | 398                         | 110                       | 67           |
| 5+                                    | 3,520         | 2,054         | 720                            | 58                         | 307                         | 333                       | 47           |
| Unknown                               | 6             | 5             | -                              | -                          | -                           | 1                         | -            |

(Continued)

**Table B1. Number of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2001**

|   | <b>Total</b>  | <b>White</b>  | <b>Black/Afr.<br/>American</b> | <b>American<br/>Indian</b> | <b>Hispanic/<br/>Latino</b> | <b>Laotian/<br/>Hmong</b> | <b>Other</b> |
|---|---------------|---------------|--------------------------------|----------------------------|-----------------------------|---------------------------|--------------|
| <b>Total</b>  | <b>69,012</b> | <b>53,969</b> | <b>6,467</b>                   | <b>916</b>                 | <b>5,145</b>                | <b>1,046</b>              | <b>1,446</b> |
| <b>Prematurity</b>                                  |               |               |                                |                            |                             |                           |              |
| Full Term (37+ Weeks)                               | 61,566        | 48,558        | 5,362                          | 816                        | 4,579                       | 928                       | 1,302        |
| Premature (<37 Weeks)                               | 7,433         | 5,400         | 1,105                          | 100                        | 566                         | 118                       | 143          |
| Unknown   | 13            | 11            | -                              | -                          | -                           | -                         | 1            |
| <b>Computed Estimate of Gestational Age (Weeks)</b> |               |               |                                |                            |                             |                           |              |
| <37   | 7,055         | 5,151         | 1,020                          | 88                         | 548                         | 114                       | 133          |
| 37-39   | 30,701        | 24,466        | 2,614                          | 358                        | 2,154                       | 395                       | 704          |
| 40  | 14,051        | 11,355        | 1,086                          | 161                        | 990                         | 182                       | 271          |
| 41  | 7,695         | 6,051         | 642                            | 103                        | 646                         | 114                       | 136          |
| 42+   | 6,835         | 4,976         | 751                            | 147                        | 635                         | 179                       | 146          |
| Unknown   | 2,675         | 1,970         | 354                            | 59                         | 172                         | 62                        | 56           |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 23 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.  
 "Premature" means less than 37 weeks of gestation. Gestational age is calculated as the difference between the date of last normal menses and the date of delivery. Where date of last normal menses is unknown, clinical estimate of gestation is substituted.  
 The "computed estimate of gestational age" is calculated as the difference between the date of last normal menses and date of delivery.

**Table B2. Percent of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2001**

|                                       | <b>Total</b>  | <b>White</b>  | <b>Black/Afr.<br/>American</b> | <b>American<br/>Indian</b> | <b>Hispanic/<br/>Latino</b> | <b>Laotian/<br/>Hmong</b> | <b>Other</b>  |
|---------------------------------------|---------------|---------------|--------------------------------|----------------------------|-----------------------------|---------------------------|---------------|
| <b>Total</b>                          | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b>                  | <b>100.0%</b>              | <b>100.0%</b>               | <b>100.0%</b>             | <b>100.0%</b> |
| <b>Age of Mother</b>                  |               |               |                                |                            |                             |                           |               |
| <15                                   | 0.1           | 0.0           | 0.7                            | 0.3                        | 0.2                         | 0.2                       | 0.1           |
| 15-17                                 | 3.1           | 1.8           | 10.4                           | 7.2                        | 6.3                         | 9.8                       | 1.7           |
| 18-19                                 | 6.7           | 5.1           | 14.7                           | 13.1                       | 11.0                        | 13.0                      | 5.3           |
| 20-24                                 | 23.1          | 20.4          | 36.0                           | 35.0                       | 33.8                        | 30.0                      | 16.7          |
| 25-29                                 | 27.8          | 29.0          | 20.4                           | 22.9                       | 26.1                        | 22.2                      | 30.4          |
| 30-34                                 | 25.7          | 28.8          | 11.2                           | 12.6                       | 14.9                        | 14.0                      | 30.0          |
| 35-39                                 | 11.2          | 12.4          | 5.3                            | 6.8                        | 6.5                         | 8.3                       | 13.4          |
| 40-44                                 | 2.1           | 2.3           | 1.2                            | 2.1                        | 1.2                         | 1.9                       | 2.1           |
| 45+                                   | 0.1           | 0.1           | 0.1                            | -                          | 0.0                         | 0.7                       | 0.2           |
| Unknown                               | 0.0           | 0.0           | -                              | -                          | -                           | -                         | -             |
| <b>Education of Mother</b>            |               |               |                                |                            |                             |                           |               |
| Elem. or Less                         | 3.6           | 1.7           | 2.6                            | 1.4                        | 22.7                        | 20.0                      | 1.7           |
| Some H.S.                             | 12.8          | 8.0           | 37.2                           | 29.4                       | 28.5                        | 20.8                      | 8.2           |
| H.S. Grad                             | 30.8          | 30.3          | 35.9                           | 39.4                       | 30.0                        | 36.1                      | 21.2          |
| Some College                          | 24.0          | 26.3          | 17.8                           | 20.9                       | 11.2                        | 14.1                      | 19.4          |
| College Grad                          | 16.9          | 19.9          | 3.9                            | 5.0                        | 4.1                         | 4.3                       | 24.8          |
| Post-Grad                             | 11.6          | 13.6          | 2.2                            | 3.6                        | 2.7                         | 1.9                       | 24.2          |
| Unknown                               | 0.3           | 0.2           | 0.3                            | 0.3                        | 0.8                         | 2.7                       | 0.6           |
| <b>Marital Status</b>                 |               |               |                                |                            |                             |                           |               |
| Married                               | 69.7          | 77.4          | 17.3                           | 32.8                       | 55.0                        | 83.7                      | 83.3          |
| Unmarried                             | 30.3          | 22.6          | 82.7                           | 67.2                       | 45.0                        | 16.3                      | 16.7          |
| Unknown                               | 0.0           | -             | -                              | -                          | -                           | -                         | -             |
| <b>Trimester Prenatal Care Began</b>  |               |               |                                |                            |                             |                           |               |
| First                                 | 83.7          | 87.6          | 69.4                           | 72.2                       | 69.6                        | 48.9                      | 85.3          |
| Second                                | 12.8          | 9.9           | 22.3                           | 21.3                       | 23.9                        | 44.8                      | 11.8          |
| Third                                 | 2.5           | 1.8           | 5.5                            | 5.1                        | 5.0                         | 5.7                       | 1.9           |
| None                                  | 0.8           | 0.6           | 2.6                            | 1.0                        | 1.2                         | 0.4                       | 0.6           |
| Unknown                               | 0.2           | 0.2           | 0.3                            | 0.4                        | 0.2                         | 0.2                       | 0.3           |
| <b>Number of Prenatal Care Visits</b> |               |               |                                |                            |                             |                           |               |
| No Visits                             | 0.8           | 0.6           | 2.6                            | 1.0                        | 1.2                         | 0.4                       | 0.6           |
| 1-4                                   | 2.9           | 2.0           | 7.5                            | 6.0                        | 5.0                         | 6.8                       | 2.7           |
| 5-9                                   | 18.3          | 15.9          | 26.2                           | 29.9                       | 26.2                        | 44.0                      | 19.7          |
| 10-12                                 | 43.8          | 44.5          | 40.3                           | 36.4                       | 43.2                        | 36.5                      | 44.3          |
| 13+                                   | 33.9          | 36.7          | 23.0                           | 26.4                       | 24.0                        | 12.0                      | 32.3          |
| Unknown                               | 0.4           | 0.4           | 0.4                            | 0.3                        | 0.3                         | 0.3                       | 0.3           |
| <b>Smoked During Pregnancy</b>        |               |               |                                |                            |                             |                           |               |
| No                                    | 84.1          | 83.4          | 80.9                           | 62.2                       | 94.3                        | 97.5                      | 93.2          |
| Yes                                   | 15.8          | 16.5          | 19.1                           | 37.7                       | 5.7                         | 2.5                       | 6.8           |
| Unknown                               | 0.1           | 0.1           | -                              | 0.1                        | -                           | -                         | 0.1           |
| <b>Live Birth Order</b>               |               |               |                                |                            |                             |                           |               |
| 1                                     | 39.2          | 39.9          | 34.3                           | 37.1                       | 38.7                        | 25.6                      | 47.9          |
| 2                                     | 32.9          | 34.4          | 25.7                           | 30.2                       | 29.8                        | 17.7                      | 32.6          |
| 3                                     | 16.4          | 16.2          | 18.6                           | 18.0                       | 17.8                        | 14.2                      | 11.6          |
| 4                                     | 6.3           | 5.7           | 10.3                           | 8.3                        | 7.7                         | 10.5                      | 4.6           |
| 5+                                    | 5.1           | 3.8           | 11.1                           | 6.3                        | 6.0                         | 31.8                      | 3.3           |
| Unknown                               | 0.0           | 0.0           | -                              | -                          | -                           | 0.1                       | -             |

(Continued)

**Table B2. Percent of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2001**

|   | <b>Total</b>  | <b>White</b>  | <b>Black/Afr.<br/>American</b> | <b>American<br/>Indian</b> | <b>Hispanic/<br/>Latino</b> | <b>Laotian/<br/>Hmong</b> | <b>Other</b>  |
|---|---------------|---------------|--------------------------------|----------------------------|-----------------------------|---------------------------|---------------|
| <b>Total</b>  | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b>                  | <b>100.0%</b>              | <b>100.0%</b>               | <b>100.0%</b>             | <b>100.0%</b> |
| <b>Prematurity</b>                                  |               |               |                                |                            |                             |                           |               |
| Full Term (37+ Weeks)                               | 89.2          | 90.0          | 82.9                           | 89.1                       | 89.0                        | 88.7                      | 90.0          |
| Premature (<37 Weeks)                               | 10.8          | 10.0          | 17.1                           | 10.9                       | 11.0                        | 11.3                      | 9.9           |
| Unknown   | 0.0           | 0.0           | -                              | -                          | -                           | -                         | 0.1           |
| <b>Computed Estimate of Gestational Age (Weeks)</b> |               |               |                                |                            |                             |                           |               |
| <37   | 10.2          | 9.5           | 15.8                           | 9.6                        | 10.7                        | 10.9                      | 9.2           |
| 37-39   | 44.5          | 45.3          | 40.4                           | 39.1                       | 41.9                        | 37.8                      | 48.7          |
| 40  | 20.4          | 21.0          | 16.8                           | 17.6                       | 19.2                        | 17.4                      | 18.7          |
| 41  | 11.2          | 11.2          | 9.9                            | 11.2                       | 12.6                        | 10.9                      | 9.4           |
| 42+   | 9.9           | 9.2           | 11.6                           | 16.0                       | 12.3                        | 17.1                      | 10.1          |
| Unknown   | 3.9           | 3.7           | 5.5                            | 6.4                        | 3.3                         | 5.9                       | 3.9           |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 23 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.  
 "Premature" means less than 37 weeks of gestation. Gestational age is calculated as the difference between the date of last normal menses and the date of delivery. Where date of last normal menses is unknown, clinical estimate of gestation is substituted. Caution is advised in making comparisons between years.  
 The "computed estimate of gestational age" is calculated as the difference between the date of last normal menses and date of delivery.

**Table C1. Number and Percent of Births by Birthweight and Selected Characteristics, Wisconsin 2001**

|                                 | Total<br>Births | <1,500 Grams |            | 1,500-2,499 Grams |            | 2,500+ Grams  |             | Total<br><2,500 Grams |            |
|---------------------------------|-----------------|--------------|------------|-------------------|------------|---------------|-------------|-----------------------|------------|
|                                 |                 | Number       | Percent    | Number            | Percent    | Number        | Percent     | Number                | Percent    |
| <b>Total</b>                    | <b>69,012</b>   | <b>885</b>   | <b>1.3</b> | <b>3,672</b>      | <b>5.3</b> | <b>64,436</b> | <b>93.4</b> | <b>4,557</b>          | <b>6.6</b> |
| <b>Plurality</b>                |                 |              |            |                   |            |               |             |                       |            |
| Single Birth                    | 66,944          | 660          | 1.0        | 2,784             | 4.2        | 63,483        | 94.8        | 3,444                 | 5.1        |
| Multiple Birth                  | 2,068           | 225          | 10.9       | 888               | 42.9       | 953           | 46.1        | 1,113                 | 53.8       |
| <b>Prematurity</b>              |                 |              |            |                   |            |               |             |                       |            |
| Full Term (37+ Weeks)           | 61,566          | 30           | 0.0        | 1,452             | 2.4        | 60,079        | 97.6        | 1,482                 | 2.4        |
| Premature (<37 Weeks)           | 7,433           | 854          | 11.5       | 2,219             | 29.9       | 4,350         | 58.5        | 3,073                 | 41.3       |
| Unknown                         | 13              | 1            | 7.7        | 1                 | 7.7        | 7             | 53.8        | 2                     | 15.4       |
| <b>Age of Mother</b>            |                 |              |            |                   |            |               |             |                       |            |
| <15                             | 80              | -            | -          | 8                 | 10.0       | 72            | 90.0        | 8                     | 10.0       |
| 15-17                           | 2,167           | 58           | 2.7        | 150               | 6.9        | 1,957         | 90.3        | 208                   | 9.6        |
| 18-19                           | 4,602           | 95           | 2.1        | 276               | 6.0        | 4,231         | 91.9        | 371                   | 8.1        |
| 20-24                           | 15,951          | 205          | 1.3        | 957               | 6.0        | 14,788        | 92.7        | 1,162                 | 7.3        |
| 25-29                           | 19,176          | 232          | 1.2        | 894               | 4.7        | 18,046        | 94.1        | 1,126                 | 5.9        |
| 30-34                           | 17,745          | 171          | 1.0        | 847               | 4.8        | 16,719        | 94.2        | 1,018                 | 5.7        |
| 35-39                           | 7,737           | 104          | 1.3        | 414               | 5.4        | 7,217         | 93.3        | 518                   | 6.7        |
| 40-44                           | 1,480           | 16           | 1.1        | 114               | 7.7        | 1,349         | 91.1        | 130                   | 8.8        |
| 45+                             | 72              | 3            | 4.2        | 12                | 16.7       | 57            | 79.2        | 15                    | 20.8       |
| Unknown                         | 2               | 1            | 50.0       | -                 | -          | -             | -           | 1                     | 50.0       |
| <b>Race/Ethnicity of Mother</b> |                 |              |            |                   |            |               |             |                       |            |
| White                           | 53,969          | 545          | 1.0        | 2,614             | 4.8        | 50,791        | 94.1        | 3,159                 | 5.9        |
| Black/Afr. American             | 6,467           | 239          | 3.7        | 619               | 9.6        | 5,609         | 86.7        | 858                   | 13.3       |
| American Indian                 | 916             | 14           | 1.5        | 46                | 5.0        | 856           | 93.4        | 60                    | 6.6        |
| Hispanic/Latino                 | 5,145           | 64           | 1.2        | 254               | 4.9        | 4,827         | 93.8        | 318                   | 6.2        |
| Laotian/Hmong                   | 1,046           | 7            | 0.7        | 53                | 5.1        | 986           | 94.3        | 60                    | 5.7        |
| Other                           | 1,446           | 15           | 1.0        | 86                | 5.9        | 1,345         | 93.0        | 101                   | 7.0        |
| Unknown                         | 23              | 1            | 4.3        | -                 | -          | 22            | 95.7        | 1                     | 4.3        |
| <b>Education of Mother</b>      |                 |              |            |                   |            |               |             |                       |            |
| Elem. or Less                   | 2,483           | 25           | 1.0        | 105               | 4.2        | 2,352         | 94.7        | 130                   | 5.2        |
| Some H.S.                       | 8,810           | 201          | 2.3        | 687               | 7.8        | 7,919         | 89.9        | 888                   | 10.1       |
| H.S. Grad                       | 21,289          | 293          | 1.4        | 1,272             | 6.0        | 19,721        | 92.6        | 1,565                 | 7.4        |
| Some College                    | 16,545          | 188          | 1.1        | 782               | 4.7        | 15,573        | 94.1        | 970                   | 5.9        |
| College Grad                    | 11,683          | 90           | 0.8        | 503               | 4.3        | 11,088        | 94.9        | 593                   | 5.1        |
| Post-Grad                       | 8,012           | 82           | 1.0        | 304               | 3.8        | 7,623         | 95.1        | 386                   | 4.8        |
| Unknown                         | 190             | 6            | 3.2        | 19                | 10.0       | 160           | 84.2        | 25                    | 13.2       |
| <b>Marital Status</b>           |                 |              |            |                   |            |               |             |                       |            |
| Married                         | 48,132          | 456          | 0.9        | 2,159             | 4.5        | 45,506        | 94.5        | 2,615                 | 5.4        |
| Unmarried                       | 20,879          | 428          | 2.0        | 1,513             | 7.2        | 18,930        | 90.7        | 1,941                 | 9.3        |
| Unknown                         | 1               | 1            | 100.0      | -                 | -          | -             | -           | -                     | -          |

(Continued)

**Table C1. Number and Percent of Births by Birthweight and Selected Characteristics, Wisconsin 2001**

|                                       | Total<br>Births | <1,500 Grams |         | 1,500-2,499 Grams |         | 2,500+ Grams |         | Total<br><2,500 Grams |         |
|---------------------------------------|-----------------|--------------|---------|-------------------|---------|--------------|---------|-----------------------|---------|
|                                       |                 | Number       | Percent | Number            | Percent | Number       | Percent | Number                | Percent |
| <b>Trimester Prenatal Care Began</b>  |                 |              |         |                   |         |              |         |                       |         |
| First                                 | 57,747          | 705          | 1.2     | 2,963             | 5.1     | 54,072       | 93.6    | 3,668                 | 6.4     |
| Second                                | 8,830           | 104          | 1.2     | 503               | 5.7     | 8,221        | 93.1    | 607                   | 6.9     |
| Third                                 | 1,715           | 10           | 0.6     | 109               | 6.4     | 1,596        | 93.1    | 119                   | 6.9     |
| None                                  | 550             | 52           | 9.5     | 79                | 14.4    | 415          | 75.5    | 131                   | 23.8    |
| Unknown                               | 170             | 14           | 8.2     | 18                | 10.6    | 132          | 77.6    | 32                    | 18.8    |
| <b>Number of Prenatal Care Visits</b> |                 |              |         |                   |         |              |         |                       |         |
| No Visits                             | 549             | 52           | 9.5     | 79                | 14.4    | 414          | 75.4    | 131                   | 23.9    |
| 1-4                                   | 1,994           | 168          | 8.4     | 183               | 9.2     | 1,642        | 82.3    | 351                   | 17.6    |
| 5-9                                   | 12,624          | 346          | 2.7     | 1,073             | 8.5     | 11,198       | 88.7    | 1,419                 | 11.2    |
| 10-12                                 | 30,219          | 142          | 0.5     | 1,252             | 4.1     | 28,825       | 95.4    | 1,394                 | 4.6     |
| 13+                                   | 23,383          | 161          | 0.7     | 1,061             | 4.5     | 22,160       | 94.8    | 1,222                 | 5.2     |
| Unknown                               | 243             | 16           | 6.6     | 24                | 9.9     | 197          | 81.1    | 40                    | 16.5    |
| <b>Smoked During Pregnancy</b>        |                 |              |         |                   |         |              |         |                       |         |
| No                                    | 58,026          | 685          | 1.2     | 2,683             | 4.6     | 54,645       | 94.2    | 3,368                 | 5.8     |
| Yes                                   | 10,907          | 194          | 1.8     | 978               | 9.0     | 9,733        | 89.2    | 1,172                 | 10.7    |
| Unknown                               | 79              | 6            | 7.6     | 11                | 13.9    | 58           | 73.4    | 17                    | 21.5    |
| <b>Type of Delivery</b>               |                 |              |         |                   |         |              |         |                       |         |
| Vaginal After                         |                 |              |         |                   |         |              |         |                       |         |
| Previous C-Section                    | 1,463           | 8            | 0.5     | 85                | 5.8     | 1,370        | 93.6    | 93                    | 6.4     |
| Forceps                               | 1,180           | 2            | 0.2     | 55                | 4.7     | 1,121        | 95.0    | 57                    | 4.8     |
| Other Vaginal                         | 53,197          | 431          | 0.8     | 2,386             | 4.5     | 50,369       | 94.7    | 2,817                 | 5.3     |
| Primary C-Section                     | 8,277           | 378          | 4.6     | 873               | 10.5    | 7,020        | 84.8    | 1,251                 | 15.1    |
| Repeat C-Section                      | 4,893           | 66           | 1.3     | 273               | 5.6     | 4,554        | 93.1    | 339                   | 6.9     |
| Other                                 | 2               | -            | -       | -                 | -       | 2            | 100.0   | -                     | -       |
| <b>Live Birth Order</b>               |                 |              |         |                   |         |              |         |                       |         |
| 1                                     | 27,047          | 409          | 1.5     | 1,556             | 5.8     | 25,072       | 92.7    | 1,965                 | 7.3     |
| 2                                     | 22,732          | 224          | 1.0     | 1,023             | 4.5     | 21,483       | 94.5    | 1,247                 | 5.5     |
| 3                                     | 11,330          | 116          | 1.0     | 572               | 5.0     | 10,640       | 93.9    | 688                   | 6.1     |
| 4                                     | 4,377           | 70           | 1.6     | 277               | 6.3     | 4,028        | 92.0    | 347                   | 7.9     |
| 5+                                    | 3,520           | 66           | 1.9     | 244               | 6.9     | 3,210        | 91.2    | 310                   | 8.8     |
| Unknown                               | 6               | -            | -       | -                 | -       | 3            | 50.0    | -                     | -       |
| <b>Congenital Anomalies</b>           |                 |              |         |                   |         |              |         |                       |         |
| No                                    | 68,136          | 862          | 1.3     | 3,565             | 5.2     | 63,692       | 93.5    | 4,427                 | 6.5     |
| Yes                                   | 876             | 23           | 2.6     | 107               | 12.2    | 744          | 84.9    | 130                   | 14.8    |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 19 births for which birthweight was not reported. Infants weighing less than 2,500 grams (or 5.5 pounds) at birth are considered low birthweight. Infants weighing less than 1,500 grams (or 3.3 pounds) at birth are considered very low birthweight. A dash (-) indicates that there were no births in that category.

**Table C2. Number and Percent of Births by Estimated Gestational Age and Birthweight, Wisconsin 2001**

| Birthweight     | Estimated Gestational Age (in Weeks) |       |       |       |       |       |        |        |       |       |       |
|-----------------|--------------------------------------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
|                 | Total                                | 17-19 | 20-27 | 28-31 | 32-35 | 36    | 37-39  | 40     | 41    | 42+   | Unk.  |
| Number          |                                      |       |       |       |       |       |        |        |       |       |       |
| Total           | 69,012                               | 24    | 444   | 740   | 3,260 | 2,587 | 30,701 | 14,051 | 7,695 | 6,835 | 2,675 |
| <500 Grams      | 117                                  | 20    | 80    | 2     | -     | -     | -      | -      | 1     | -     | 14    |
| 500-999 Grams   | 335                                  | 1     | 211   | 70    | 12    | 2     | 3      | 1      | 2     | -     | 33    |
| 1,000-1,499 Gms | 433                                  | 1     | 48    | 213   | 101   | 10    | 14     | 2      | 2     | 5     | 37    |
| 1,500-1,999 Gms | 910                                  | -     | 12    | 183   | 428   | 79    | 111    | 12     | 8     | 14    | 63    |
| 2,000-2,499 Gms | 2,762                                | -     | 12    | 44    | 915   | 405   | 933    | 130    | 63    | 117   | 143   |
| 2,500-2,999 Gms | 10,327                               | 1     | 21    | 66    | 890   | 937   | 5,348  | 1,215  | 625   | 763   | 461   |
| 3,000-3,499 Gms | 24,736                               | 1     | 34    | 88    | 572   | 776   | 12,431 | 4,982  | 2,428 | 2,472 | 952   |
| 3,500-3,999 Gms | 21,191                               | -     | 14    | 57    | 264   | 298   | 8,990  | 5,454  | 3,048 | 2,380 | 686   |
| 4,000-4,499 Gms | 6,850                                | -     | 8     | 13    | 70    | 67    | 2,471  | 1,876  | 1,239 | 877   | 229   |
| 4,500+ Grams    | 1,332                                | -     | 1     | 2     | 7     | 13    | 399    | 378    | 279   | 206   | 47    |
| Unknown         | 19                                   | -     | 3     | 2     | 1     | -     | 1      | 1      | -     | 1     | 10    |
| Percent         |                                      |       |       |       |       |       |        |        |       |       |       |
| Total           | 100.0                                | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0 | 100.0 | 100.0 |
| <500 Grams      | 0.2                                  | 83.3  | 18.0  | 0.3   | -     | -     | -      | -      | 0.0   | -     | 0.5   |
| 500-999 Grams   | 0.5                                  | 4.2   | 47.5  | 9.5   | 0.4   | 0.1   | 0.0    | 0.0    | 0.0   | -     | 1.2   |
| 1,000-1,499 Gms | 0.6                                  | 4.2   | 10.8  | 28.8  | 3.1   | 0.4   | 0.0    | 0.0    | 0.0   | 0.1   | 1.4   |
| 1,500-1,999 Gms | 1.3                                  | -     | 2.7   | 24.7  | 13.1  | 3.1   | 0.4    | 0.1    | 0.1   | 0.2   | 2.4   |
| 2,000-2,499 Gms | 4.0                                  | -     | 2.7   | 5.9   | 28.1  | 15.7  | 3.0    | 0.9    | 0.8   | 1.7   | 5.3   |
| 2,500-2,999 Gms | 15.0                                 | 4.2   | 4.7   | 8.9   | 27.3  | 36.2  | 17.4   | 8.6    | 8.1   | 11.2  | 17.2  |
| 3,000-3,499 Gms | 35.8                                 | 4.2   | 7.7   | 11.9  | 17.5  | 30.0  | 40.5   | 35.5   | 31.6  | 36.2  | 35.6  |
| 3,500-3,999 Gms | 30.7                                 | -     | 3.2   | 7.7   | 8.1   | 11.5  | 29.3   | 38.8   | 39.6  | 34.8  | 25.6  |
| 4,000-4,499 Gms | 9.9                                  | -     | 1.8   | 1.8   | 2.1   | 2.6   | 8.0    | 13.4   | 16.1  | 12.8  | 8.6   |
| 4,500+ Grams    | 1.9                                  | -     | 0.2   | 0.3   | 0.2   | 0.5   | 1.3    | 2.7    | 3.6   | 3.0   | 1.8   |
| Unknown         | 0.0                                  | -     | 0.7   | 0.3   | 0.0   | -     | 0.0    | 0.0    | -     | 0.0   | 0.4   |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

**Table C3. Number and Percent of Births by Race/Ethnicity of Mother and Birthweight, Wisconsin 2001**

| <b>Birthweight</b> | <b>Total</b>  | <b>White</b>  | <b>Black/Afr.<br/>American</b> | <b>American<br/>Indian</b> | <b>Hispanic/<br/>Latino</b> | <b>Laotian/<br/>Hmong</b> | <b>Other</b> |
|--------------------|---------------|---------------|--------------------------------|----------------------------|-----------------------------|---------------------------|--------------|
| <i>Number</i>      |               |               |                                |                            |                             |                           |              |
| <b>Total</b>       | <b>69,012</b> | <b>53,969</b> | <b>6,467</b>                   | <b>916</b>                 | <b>5,145</b>                | <b>1,046</b>              | <b>1,446</b> |
| <500 Grams         | 117           | 52            | 48                             | 1                          | 13                          | -                         | 3            |
| 500-999 Grams      | 335           | 205           | 88                             | 5                          | 27                          | 4                         | 5            |
| 1,000-1,499 Gms    | 433           | 288           | 103                            | 8                          | 24                          | 3                         | 7            |
| 1,500-1,999 Gms    | 910           | 649           | 165                            | 15                         | 57                          | 5                         | 19           |
| 2,000-2,499 Gms    | 2,762         | 1,965         | 454                            | 31                         | 197                         | 48                        | 67           |
| 2,500-2,999 Gms    | 10,327        | 7,302         | 1,548                          | 108                        | 799                         | 262                       | 303          |
| 3,000-3,499 Gms    | 24,736        | 18,953        | 2,454                          | 286                        | 2,002                       | 448                       | 586          |
| 3,500-3,999 Gms    | 21,191        | 17,468        | 1,305                          | 301                        | 1,522                       | 226                       | 362          |
| 4,000-4,499 Gms    | 6,850         | 5,910         | 259                            | 133                        | 421                         | 43                        | 82           |
| 4,500+ Grams       | 1,332         | 1,158         | 43                             | 28                         | 83                          | 7                         | 12           |
| Unknown            | 19            | -             | -                              | -                          | -                           | -                         | -            |
| <i>Percent</i>     |               |               |                                |                            |                             |                           |              |
| <b>Total</b>       | <b>100.0</b>  | <b>100.0</b>  | <b>100.0</b>                   | <b>100.0</b>               | <b>100.0</b>                | <b>100.0</b>              | <b>100.0</b> |
| <500 Grams         | 0.2           | 0.1           | 0.7                            | 0.1                        | 0.3                         | -                         | 0.2          |
| 500-999 Grams      | 0.5           | 0.4           | 1.4                            | 0.5                        | 0.5                         | 0.4                       | 0.3          |
| 1,000-1,499 Gms    | 0.6           | 0.5           | 1.6                            | 0.9                        | 0.5                         | 0.3                       | 0.5          |
| 1,500-1,999 Gms    | 1.3           | 1.2           | 2.6                            | 1.6                        | 1.1                         | 0.5                       | 1.3          |
| 2,000-2,499 Gms    | 4.0           | 3.6           | 7.0                            | 3.4                        | 3.8                         | 4.6                       | 4.6          |
| 2,500-2,999 Gms    | 15.0          | 13.5          | 23.9                           | 11.8                       | 15.5                        | 25.0                      | 21.0         |
| 3,000-3,499 Gms    | 35.8          | 35.1          | 37.9                           | 31.2                       | 38.9                        | 42.8                      | 40.5         |
| 3,500-3,999 Gms    | 30.7          | 32.4          | 20.2                           | 32.9                       | 29.6                        | 21.6                      | 25.0         |
| 4,000-4,499 Gms    | 9.9           | 11.0          | 4.0                            | 14.5                       | 8.2                         | 4.1                       | 5.7          |
| 4,500+ Grams       | 1.9           | 2.1           | 0.7                            | 3.1                        | 1.6                         | 0.7                       | 0.8          |
| Unknown            | 0.0           | 0.0           | -                              | -                          | -                           | -                         | -            |

Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: Included in the totals are 23 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.

**Table D. Fetal, Neonatal, and Infant Deaths by Selected Characteristics, Wisconsin 2001**

|   | Fetal Deaths<br>(Gestation >20 weeks) |            | Neonatal Deaths<br>(Age <28 days) |            | Infant Deaths<br>(Age <1 year) |            |
|---|---------------------------------------|------------|-----------------------------------|------------|--------------------------------|------------|
|   | Number                                | Rate       | Number                            | Rate       | Number                         | Rate       |
| <b>Total</b>  | <b>375</b>                            | <b>5.4</b> | <b>323</b>                        | <b>4.7</b> | <b>491</b>                     | <b>7.1</b> |
| <b>Sex of Infant</b>                                |                                       |            |                                   |            |                                |            |
| Male  | 182                                   | 5.2        | 163                               | 4.7        | 253                            | 7.2        |
| Female  | 184                                   | 5.4        | 159                               | 4.7        | 237                            | 7.0        |
| Unknown   | 9                                     | -          | 1                                 | -          | 1                              | -          |
| <b>Birthweight</b>                                  |                                       |            |                                   |            |                                |            |
| 1,499 Grams or Less                                 | 207                                   | 189.6      | 206                               | 232.8      | 219                            | 247.5      |
| 1,500-2,499 Grams                                   | 74                                    | 19.8       | 38                                | 10.3       | 64                             | 17.4       |
| 2,500+ Grams  | 86                                    | 1.3        | 67                                | 1.0        | 196                            | 3.0        |
| Unknown   | 8                                     | -          | 12                                | -          | 12                             | -          |
| <u>White Non-Hispanic</u>                           | 265                                   | 4.9        | 209                               | 3.9        | 305                            | 5.7        |
| 1,499 Grams or Less                                 | 142                                   | 206.7      | 116                               | 212.8      | 124                            | 227.5      |
| 1,500-2,499 Grams                                   | 53                                    | 19.9       | 30                                | 11.5       | 44                             | 16.8       |
| 2,500+ Grams  | 65                                    | 1.3        | 51                                | 1.0        | 125                            | 2.5        |
| Unknown   | 5                                     | -          | 12                                | -          | 12                             | -          |
| <u>Black Non-Hispanic</u>                           | 61                                    | 9.3        | 73                                | 11.3       | 121                            | 18.7       |
| 1,499 Grams or Less                                 | 37                                    | 134.1      | 64                                | 267.8      | 69                             | 288.7      |
| 1,500-2,499 Grams                                   | 11                                    | -          | 3                                 | -          | 10                             | -          |
| 2,500+ Grams  | 11                                    | -          | 6                                 | -          | 42                             | 7.5        |
| Unknown   | 2                                     | -          | -                                 | -          | -                              | -          |
| <b>Computed Estimate of Gestational Age (Weeks)</b> |                                       |            |                                   |            |                                |            |
| Less than 37  | 286                                   | 39.0       | 99                                | 14.0       | 130                            | 18.4       |
| 37-39   | 65                                    | 2.1        | 21                                | 0.7        | 58                             | 1.9        |
| 40-41   | 19                                    | -          | 14                                | -          | 34                             | 1.6        |
| 42+   | 1                                     | -          | 5                                 | -          | 15                             | -          |
| Unknown   | 4                                     | -          | 184                               | 68.8       | 254                            | 95.0       |
| <b>Marital Status</b>                               |                                       |            |                                   |            |                                |            |
| Married   | 218                                   | 4.5        | 177                               | 3.7        | 246                            | 5.1        |
| Unmarried   | 156                                   | 7.4        | 146                               | 7.0        | 245                            | 11.7       |
| Unknown   | 1                                     | -          | -                                 | -          | -                              | -          |
| <b>Education of Mother</b>                          |                                       |            |                                   |            |                                |            |
| Elementary or Less                                  | 16                                    | -          | 9                                 | -          | 18                             | -          |
| Some High School                                    | 56                                    | 6.3        | 66                                | 7.5        | 123                            | 14.0       |
| High School Graduate                                | 121                                   | 5.7        | 115                               | 5.4        | 171                            | 8.0        |
| Some College  | 81                                    | 4.9        | 74                                | 4.5        | 101                            | 6.1        |
| College Graduate                                    | 51                                    | 4.3        | 29                                | 2.5        | 39                             | 3.3        |
| Post Graduate                                       | 22                                    | 2.7        | 24                                | 3.0        | 31                             | 3.9        |
| Unknown   | 28                                    | 128.4      | 6                                 | -          | 8                              | -          |

(Continued)

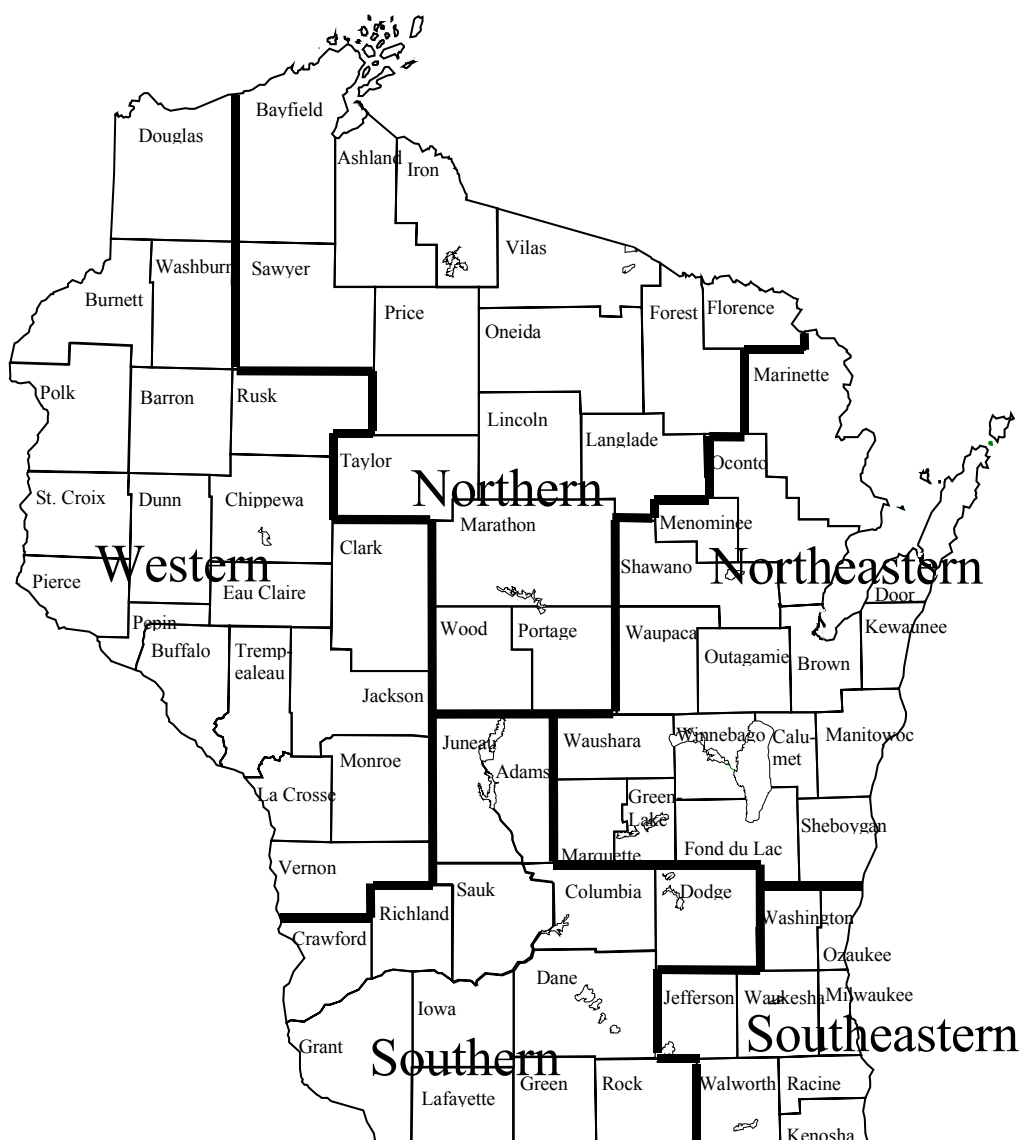
**Table D. Fetal, Neonatal, and Infant Deaths by Selected Characteristics, Wisconsin 2001**

|                                | Fetal Deaths<br>(Gestation >20 weeks) |      | Neonatal Deaths<br>(Age <28 days) |      | Infant Deaths<br>(Age <1 year) |      |
|--------------------------------|---------------------------------------|------|-----------------------------------|------|--------------------------------|------|
|                                | Number                                | Rate | Number                            | Rate | Number                         | Rate |
| <b>Age of Mother</b>           |                                       |      |                                   |      |                                |      |
| <15                            | 1                                     | -    | 1                                 | -    | 2                              | -    |
| 15-17                          | 19                                    | -    | 18                                | -    | 30                             | 13.8 |
| 18-19                          | 27                                    | 5.8  | 28                                | 6.1  | 50                             | 10.9 |
| 20-24                          | 78                                    | 4.9  | 76                                | 4.8  | 141                            | 8.8  |
| 25-29                          | 94                                    | 4.9  | 96                                | 5.0  | 123                            | 6.4  |
| 30-34                          | 97                                    | 5.4  | 66                                | 3.7  | 88                             | 5.0  |
| 35-39                          | 48                                    | 6.2  | 30                                | 3.9  | 45                             | 5.8  |
| 40+                            | 9                                     | -    | 8                                 | -    | 12                             | -    |
| Unknown                        | 2                                     | -    | -                                 | -    | -                              | -    |
| <b>Race of Mother</b>          |                                       |      |                                   |      |                                |      |
| White                          | 265                                   | 4.9  | 209                               | 3.9  | 305                            | 5.7  |
| Black/African American         | 61                                    | 9.3  | 73                                | 11.3 | 121                            | 18.7 |
| American Indian                | 9                                     | -    | 7                                 | -    | 16                             | -    |
| Hispanic/Latino                | 28                                    | 5.4  | 25                                | 4.9  | 36                             | 7.0  |
| Laotian/Hmong                  | 3                                     | -    | 4                                 | -    | 7                              | -    |
| Other                          | 6                                     | -    | 5                                 | -    | 6                              | -    |
| Unknown                        | 3                                     | -    | -                                 | -    | -                              | -    |
| <b>Trimester Prenatal Care</b> |                                       |      |                                   |      |                                |      |
| First                          | 289                                   | 5.0  | 242                               | 4.2  | 370                            | 6.4  |
| Second                         | 43                                    | 4.8  | 37                                | 4.2  | 69                             | 7.8  |
| Third                          | 11                                    | -    | 9                                 | -    | 14                             | -    |
| None                           | 22                                    | 38.5 | 25                                | 45.5 | 28                             | 50.9 |
| Unknown                        | 10                                    | -    | 10                                | -    | 10                             | -    |
| <b>Number of Prenatal Care</b> |                                       |      |                                   |      |                                |      |
| No Visits                      | 25                                    | 43.6 | 25                                | 45.5 | 28                             | 51.0 |
| 1-4 Visits                     | 90                                    | 43.2 | 74                                | 37.1 | 84                             | 42.1 |
| 5-9 Visits                     | 130                                   | 10.2 | 107                               | 8.5  | 154                            | 12.2 |
| 10-12 Visits                   | 70                                    | 2.3  | 56                                | 1.9  | 122                            | 4.8  |
| 13+ Visits                     | 48                                    | 2.0  | 50                                | 2.1  | 91                             | 3.9  |
| Unknown                        | 12                                    | -    | 11                                | -    | 12                             | -    |
| <b>Plurality</b>               |                                       |      |                                   |      |                                |      |
| Single Birth                   | 349                                   | 5.2  | 260                               | 3.9  | 420                            | 6.3  |
| Multiple Birth                 | 25                                    | 11.9 | 63                                | 30.5 | 71                             | 34.3 |
| Unknown                        | 1                                     | -    | -                                 | -    | -                              | -    |
| <b>Smoked During Pregnancy</b> |                                       |      |                                   |      |                                |      |
| No                             | 296                                   | 5.1  | 261                               | 4.5  | 370                            | 6.4  |
| Yes                            | 77                                    | 7.0  | 59                                | 5.4  | 118                            | 10.8 |
| Unknown                        | 2                                     | -    | 3                                 | -    | 3                              | -    |

Source: Fetal death and matched birth-death files, Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Notes: The fetal death rate is based on the number of fetal deaths per 1,000 live births and reported fetal deaths.  
The neonatal death rate is based on the number of neonatal deaths per 1,000 live births.  
The infant death rate is based on the number of infant deaths per 1,000 live births.  
Rates based on fewer than 20 deaths are omitted because they are subject to large random fluctuations.

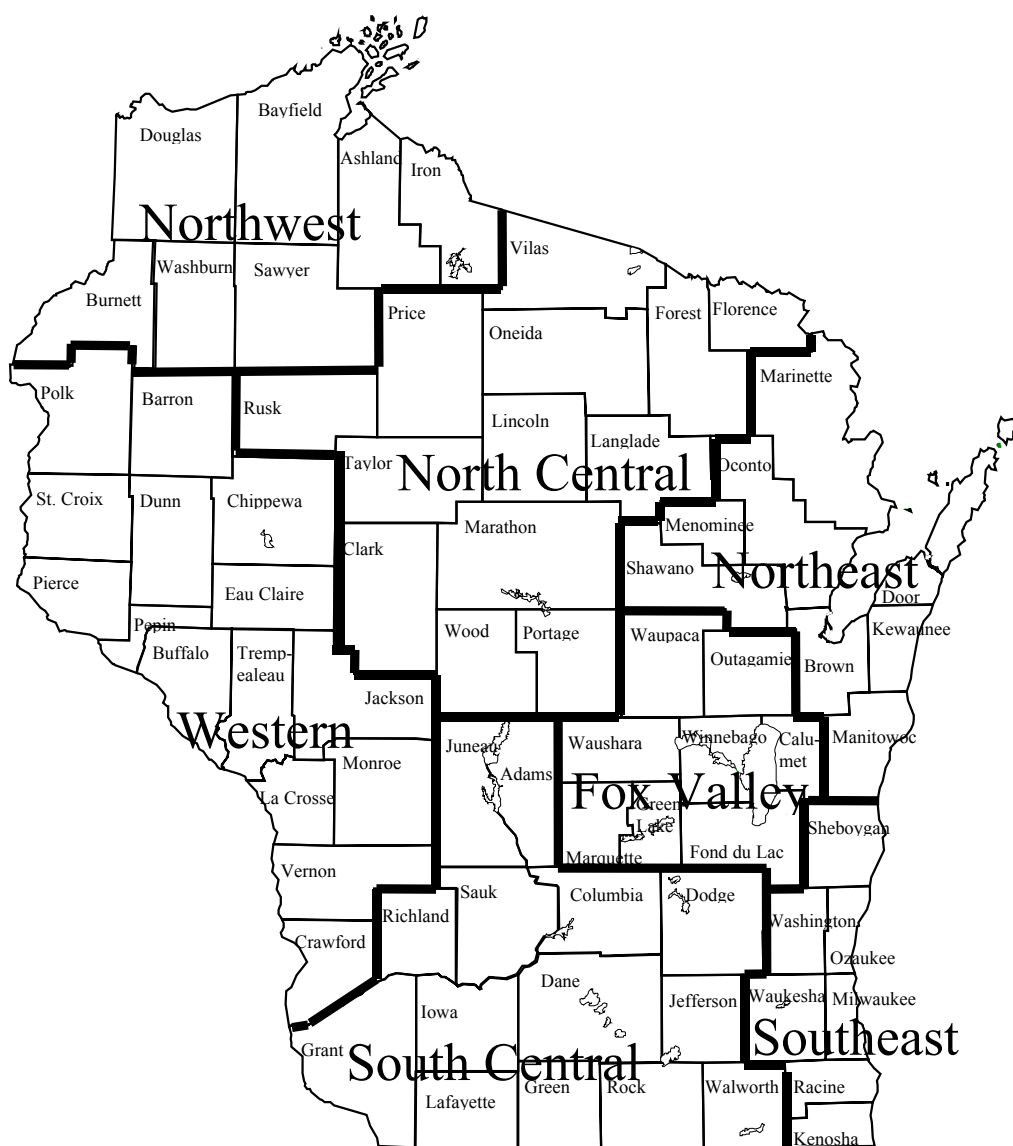
**Map 1. Wisconsin Department of Health and Family Services Regions, 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

Note: As of July 1, 1996, new Department of Health and Family Services regions were established. Comparisons with regional data in previous publications may therefore be affected.

**Map 2. Wisconsin Perinatal Regions, 2001**



Source: Bureau of Health Information, Division of Health Care Financing, Department of Health and Family Services.

DEPARTMENT OF HEALTH & FAMILY SERVICES  
Division of Health Care Financing  
HCF 5103B (Rev. 05/00)

STATE OF WISCONSIN  
Chapter 69, Wisconsin Statutes

# BIRTH CERTIFICATE WORKSHEET

The information on this worksheet (except signatures and informant entries) must be typed, if possible. If a typewriter is not available, the information must be printed neatly in **BLACK INK** including informant information. Worksheets that are illegible will be returned for replacement. Item numbers reflect data entry order and are not always in consecutive order on this form.

INFORMANT: READ THE PAGE TO THE LEFT AND COMPLETE THE SHADED AREAS ON BOTH SIDES OF THE FORM.

| PART I INFORMANT LEGAL INFORMATION  |   |  |  |
|---|---|--|--|
| Mother  | 16. Mother's Current Name   |  |  |
|   | First   | Middle   | Last   |
|   | 17. Mother's Birth Name (Maiden Name)   |  |  |
|   | First   | Middle   | Last   |
| 18. Mother's Date of Birth (Mo./Day/Yr.) (spell out month)  |   | 19. Mother's State of Birth (if not in the U.S.A., name the country)   |  |
| * For items 20-23, enter the mother's legal residence (the physical location where the mother lives). Name the city, village or township (Minor Civil Division) where the home is located. This is not always the same as the mailing address. Do not name an unincorporated place.   |   |  |  |
| 20. Residence State (if not in the U.S.A., name the country)  |   | 21. Residence County   |  |
| 22. Residence Inside City, Village, Township of:  |   | 23. Check One:<br><input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township |  |
| Husband   | Husband Information: Read the information on the page to the left labeled "E. Husband/Father Information on the Birth Certificate" before entering any of the items pertaining to the husband on the worksheet and before completing item 35, "Is Mother Married?". |  |  |
|   | 24. Husband's Name  |  |  |
|   | First   | Middle   | Last   |
|   | 25. Husband's Date of Birth (Mo./Day/Yr.) (spell out month)   |  | 26. Husband's State of Birth (if not in U.S.A. name the country)   |
| 32. Informant Name  |   | 33. Relation to Child (do not enter "father" if informant is not listed as husband in item 24)                     |  |
| CHILD'S NAME (Read the information to the left labeled "D. Naming Your Child" before completing this section.) Print the name as you want it to appear on the legal birth record.   |   |  |  |
| First   |   | Middle   | Last   |
| Title (e.g. Jr., II, III, etc.)   |   |  |  |
| PART II INFORMANT CONFIDENTIAL LEGAL INFORMATION<br>(This information Does Not Appear on Certified Copies of The Birth Certificate)   |   |  |  |
| 34a. Mother's Mailing Address (Street or RFD, City / Village / Post Office, State, ZIP) The Birth Notification form will be sent to this address. If the infant is being placed for adoption or this possibility is under consideration, check the box and do not provide an address.<br><input type="checkbox"/> Child may/will be placed for adoption |   |  |  |
| 34b. Social Security Number Requested by Parent? Read the information on the page to the left labeled, "G. Social Security Number Requested" before answering this question. The infant must be named and the mother's mailing address must be complete if the box is checked "Yes".  |   | 34c. Mother's Social Security Number   |  |
|   |   | 34d. Husband's Social Security Number  |  |
| 35. Is Mother Married (at any time between conception and birth)? Read the information labeled "E. Husband/Father Information" on the page to the left before answering this question.<br><input type="checkbox"/> YES <input type="checkbox"/> NO  |   |  |  |
| *Parent/Informant Signature and Date. I certify that the information I have provided in the shaded areas of both sides of this form is correct to the best of my knowledge and belief.  |   |  |  |
| Signature   |   | Date Signed  |  |
| *Only the mother and/or the husband named in item 24 may name the child and/or authorize a request for a social security number for the child. If the informant is someone other than the mother or husband, the mother or husband must co-sign this document.  |   |  |  |
| PART I RECORD FILER LEGAL INFORMATION<br>(RECORD FILER: TYPE OR PRINT CHILD'S NAME AND RE-VERIFY WITH NAME GIVEN ABOVE BY INFORMANT)  |   |  |  |
| 1. Child's Name: First  |   | Middle   | Last   |
|   |   |  | Title (e.g. Jr., II, III, etc.)  |
| 2. Sex<br><input type="checkbox"/> Male <input type="checkbox"/> Female   | 3. Date of Birth (Month/Day/Year) (spell out month)   |  | 4. Hour (specify hour and minute and check appropriate box)<br><input type="checkbox"/> AM <input type="checkbox"/> PM <input type="checkbox"/> Noon <input type="checkbox"/> Midnight     |
| 5a. Birth Facility<br><input type="checkbox"/> Clinic/Dr. Office <input type="checkbox"/> Residence<br><input type="checkbox"/> Hospital <input type="checkbox"/> Birth Center <input type="checkbox"/> Other   |   | 5b. If at or en route to a hospital, give name   |  |
| 5c. If not at or en route to a hospital, give street address where birth occurred (where placenta was delivered)  |   |  |  |
| 6. County of Birth:   |   | 7. Birth Occurred Inside City, Village, Township of:   |  |
|   |   | 8. Check One:<br><input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township  |  |
| 9a. Attendant Name  |   | 9b. Wis. License #   | 10. Title 1. <input type="checkbox"/> M.D. 2. <input type="checkbox"/> D.O. 3. <input type="checkbox"/> C.N.M.<br>4. <input type="checkbox"/> Other MDWF 5. <input type="checkbox"/> Other |
| 11. Name of Filing Party (s. 69.14(1)(c)) and Title   |   | 12. Date Completed (Month/Day/Year) (spell out month)  |  |
| 13. Mailing Address of Filing Party <input type="checkbox"/> Same as Hospital. If not at a hospital, give complete mailing address  |   |  |  |
| 27. Birthweight (original unconverted)<br>grams OR lbs. oz.   |   | 28. Crown-Heel Length (original unconverted)<br>centimeters OR in.   |  |
| 29. If Infant Died (Mo./Day/Yr.) (spell out month)<br><input type="checkbox"/> Died   |   | 30. Plurality (single, twin, triplet, etc.)  |  |
|   |   | 31. If Not Single Birth: (born first, second, third, etc.)   |  |

## Part III - CONFIDENTIAL MEDICAL / STATISTICAL INFORMATION (HCF-5103B, Page 2)

The information from this page is only available to the mother and to the staff of some public health and research programs. They must treat this information as confidential material. The information is collected throughout the nation for health and population research and it is used to promote healthy births and to identify present and future health needs and populations of certain groups or areas. This information does not appear on the birth certificate.

**RACE** - Enter the race of the mother and husband (if listed in item 24) on the appropriate line. Enter both races if of "mixed" race. Do not enter "Hispanic" here. If "Native American", enter "American Indian". If Asian or Southeast Asian, specify the national origin such as "Hmong", "Cambodian", "Chinese", "Japanese", etc.

**HISPANIC ORIGIN** - "Hispanic" refers to people whose origins are from Spain, Mexico, or the Spanish-speaking countries of Central or South America. If you are of Hispanic origin, specify the national origin. If not of Hispanic origin, check the "No" box.

**EDUCATION** - Enter the number of years of schooling completed. Do not count partial years (e.g. if the freshman year of college is not completed, enter "12" under "Elementary/Secondary" column). Do not include years in technical or specialty schools unless college transferable academic credits were received.

**EMPLOYMENT ONE YEAR AGO** - Enter the occupation and type of firm or agency worked at one year prior to this birth. Be as specific as possible in these items (See examples below). Avoid the use of a firm or agency name. Instead, describe the type of business in which the firm or agency is involved. Do not use abbreviations for job titles.

Examples:

| OCCUPATION           | TYPE OF FIRM OR AGENCY | OCCUPATION        | TYPE OF FIRM OR AGENCY |
|----------------------|------------------------|-------------------|------------------------|
| Enter: Clerk Typist  | City Health Department | Enter: Disabled   | None                   |
| Not: Office Worker   | City of Madison        | Not: None         | None                   |
| Enter: Math Teacher  | High School            | Enter: Unemployed | None                   |
| Not: Teacher         | Public School          | Not: Never Worked | None                   |
| Enter: Auto Mechanic | Self-Employed          | Enter: Student    | High School            |
| Not: Mechanic        | Own                    | Not: None         | None                   |
| Enter: Sales Clerk   | Hardware Store         | Enter: Homemaker  | Own Home               |
| Not: Clerk           | Smith's Store          | Not: None         | None                   |

|  |  |  |  |  |  |  |  |   |  |
|--|--|--|--|--|--|--|--|---|--|
| 36. RACE<br>White, Black<br>Amer. Ind., etc. |  | 37. HISPANIC ORIGIN<br>Specify Mexican, Puerto<br>Rican, Cuban, etc. |  | 38. EDUCATION<br>Highest Grade Completed<br>(Elementary, Secondary, College)<br>(0-12) (1-4 or 5-12) |  | 39. EMPLOYMENT ONE YEAR AGO<br>Occupation Type of Firm or Agency |  | 40. PREGNANCY HISTORY<br>(Obtain from informant if necessary) |  |
| None   |  | None   |  | None   |  | None   |  | None  |  |
| a  |  | a  |  | a  |  | a  |  | a   |  |
| b  |  | b  |  | b  |  | b  |  | b   |  |
| c  |  | c  |  | c  |  | c  |  | c   |  |
| d  |  | d  |  | d  |  | d  |  | d   |  |
| e  |  | e  |  | e  |  | e  |  | e   |  |
| f  |  | f  |  | f  |  | f  |  | f   |  |
| g  |  | g  |  | g  |  | g  |  | g   |  |
| h  |  | h  |  | h  |  | h  |  | h   |  |
| i  |  | i  |  | i  |  | i  |  | i   |  |
| j  |  | j  |  | j  |  | j  |  | j   |  |
| k  |  | k  |  | k  |  | k  |  | k   |  |
| l  |  | l  |  | l  |  | l  |  | l   |  |
| m  |  | m  |  | m  |  | m  |  | m   |  |
| n  |  | n  |  | n  |  | n  |  | n   |  |
| o  |  | o  |  | o  |  | o  |  | o   |  |
| p  |  | p  |  | p  |  | p  |  | p   |  |
| q  |  | q  |  | q  |  | q  |  | q   |  |
| r  |  | r  |  | r  |  | r  |  | r   |  |
| s  |  | s  |  | s  |  | s  |  | s   |  |
| t  |  | t  |  | t  |  | t  |  | t   |  |
| u  |  | u  |  | u  |  | u  |  | u   |  |
| v  |  | v  |  | v  |  | v  |  | v   |  |
| w  |  | w  |  | w  |  | w  |  | w   |  |
| x  |  | x  |  | x  |  | x  |  | x   |  |
| y  |  | y  |  | y  |  | y  |  | y   |  |
| z  |  | z  |  | z  |  | z  |  | z   |  |
| aa   |  | aa   |  | aa   |  | aa   |  | aa  |  |
| ab   |  | ab   |  | ab   |  | ab   |  | ab  |  |
| ac   |  | ac   |  | ac   |  | ac   |  | ac  |  |
| ad   |  | ad   |  | ad   |  | ad   |  | ad  |  |
| ae   |  | ae   |  | ae   |  | ae   |  | ae  |  |
| af   |  | af   |  | af   |  | af   |  | af  |  |
| ag   |  | ag   |  | ag   |  | ag   |  | ag  |  |
| ah   |  | ah   |  | ah   |  | ah   |  | ah  |  |
| ai   |  | ai   |  | ai   |  | ai   |  | ai  |  |
| aj   |  | aj   |  | aj   |  | aj   |  | aj  |  |
| ak   |  | ak   |  | ak   |  | ak   |  | ak  |  |
| al   |  | al   |  | al   |  | al   |  | al  |  |
| am   |  | am   |  | am   |  | am   |  | am  |  |
| an   |  | an   |  | an   |  | an   |  | an  |  |
| ao   |  | ao   |  | ao   |  | ao   |  | ao  |  |
| ap   |  | ap   |  | ap   |  | ap   |  | ap  |  |
| aq   |  | aq   |  | aq   |  | aq   |  | aq  |  |
| ar   |  | ar   |  | ar   |  | ar   |  | ar  |  |
| as   |  | as   |  | as   |  | as   |  | as  |  |
| at   |  | at   |  | at   |  | at   |  | at  |  |
| au   |  | au   |  | au   |  | au   |  | au  |  |
| av   |  | av   |  | av   |  | av   |  | av  |  |
| aw   |  | aw   |  | aw   |  | aw   |  | aw  |  |
| ax   |  | ax   |  | ax   |  | ax   |  | ax  |  |
| ay   |  | ay   |  | ay   |  | ay   |  | ay  |  |
| az   |  | az   |  | az   |  | az   |  | az  |  |
| ba   |  | ba   |  | ba   |  | ba   |  | ba  |  |
| bb   |  | bb   |  | bb   |  | bb   |  | bb  |  |
| bc   |  | bc   |  | bc   |  | bc   |  | bc  |  |
| bd   |  | bd   |  | bd   |  | bd   |  | bd  |  |
| be   |  | be   |  | be   |  | be   |  | be  |  |
| bf   |  | bf   |  | bf   |  | bf   |  | bf  |  |
| bg   |  | bg   |  | bg   |  | bg   |  | bg  |  |
| bh   |  | bh   |  | bh   |  | bh   |  | bh  |  |
| bi   |  | bi   |  | bi   |  | bi   |  | bi  |  |
| bj   |  | bj   |  | bj   |  | bj   |  | bj  |  |
| bk   |  | bk   |  | bk   |  | bk   |  | bk  |  |
| bl   |  | bl   |  | bl   |  | bl   |  | bl  |  |
| bm   |  | bm   |  | bm   |  | bm   |  | bm  |  |
| bn   |  | bn   |  | bn   |  | bn   |  | bn  |  |
| bo   |  | bo   |  | bo   |  | bo   |  | bo  |  |
| bp   |  | bp   |  | bp   |  | bp   |  | bp  |  |
| bq   |  | bq   |  | bq   |  | bq   |  | bq  |  |
| br   |  | br   |  | br   |  | br   |  | br  |  |
| bs   |  | bs   |  | bs   |  | bs   |  | bs  |  |
| bt   |  | bt   |  | bt   |  | bt   |  | bt  |  |
| bu   |  | bu   |  | bu   |  | bu   |  | bu  |  |
| bv   |  | bv   |  | bv   |  | bv   |  | bv  |  |
| bw   |  | bw   |  | bw   |  | bw   |  | bw  |  |
| bx   |  | bx   |  | bx   |  | bx   |  | bx  |  |
| by   |  | by   |  | by   |  | by   |  | by  |  |
| bz   |  | bz   |  | bz   |  | bz   |  | bz  |  |
| ca   |  | ca   |  | ca   |  | ca   |  | ca  |  |
| cb   |  | cb   |  | cb   |  | cb   |  | cb  |  |
| cc   |  | cc   |  | cc   |  | cc   |  | cc  |  |
| cd   |  | cd   |  | cd   |  | cd   |  | cd  |  |
| ce   |  | ce   |  | ce   |  | ce   |  | ce  |  |
| cf   |  | cf   |  | cf   |  | cf   |  | cf  |  |
| cg   |  | cg   |  | cg   |  | cg   |  | cg  |  |
| ch   |  | ch   |  | ch   |  | ch   |  | ch  |  |
| ci   |  | ci   |  | ci   |  | ci   |  | ci  |  |
| cj   |  | cj   |  | cj   |  | cj   |  | cj  |  |
| ck   |  | ck   |  | ck   |  | ck   |  | ck  |  |
| cl   |  | cl   |  | cl   |  | cl   |  | cl  |  |
| cm   |  | cm   |  | cm   |  | cm   |  | cm  |  |
| cn   |  | cn   |  | cn   |  | cn   |  | cn  |  |
| co   |  | co   |  | co   |  | co   |  | co  |  |
| cp   |  | cp   |  | cp   |  | cp   |  | cp  |  |
| cq   |  | cq   |  | cq   |  | cq   |  | cq  |  |
| cr   |  | cr   |  | cr   |  | cr   |  | cr  |  |
| cs   |  | cs   |  | cs   |  | cs   |  | cs  |  |
| ct   |  | ct   |  | ct   |  | ct   |  | ct  |  |
| cu   |  | cu   |  | cu   |  | cu   |  | cu  |  |
| cv   |  | cv   |  | cv   |  | cv   |  | cv  |  |
| cw   |  | cw   |  | cw   |  | cw   |  | cw  |  |
| cx   |  | cx   |  | cx   |  | cx   |  | cx  |  |
| cy   |  | cy   |  | cy   |  | cy   |  | cy  |  |
| cz   |  | cz   |  | cz   |  | cz   |  | cz  |  |
| da   |  | da   |  | da   |  | da   |  | da  |  |
| db   |  | db   |  | db   |  | db   |  | db  |  |
| dc   |  | dc   |  | dc   |  | dc   |  | dc  |  |
| dd   |  | dd   |  | dd   |  | dd   |  | dd  |  |
| de   |  | de   |  | de   |  | de   |  | de  |  |
| df   |  | df   |  | df   |  | df   |  | df  |  |
| dg   |  | dg   |  | dg   |  | dg   |  | dg  |  |
| dh   |  | dh   |  | dh   |  | dh   |  | dh  |  |
| di   |  | di   |  | di   |  | di   |  | di  |  |
| dj   |  | dj   |  | dj   |  | dj   |  | dj  |  |
| dk   |  | dk   |  | dk   |  | dk   |  | dk  |  |
| dl   |  | dl   |  | dl   |  | dl   |  | dl  |  |
| dm   |  | dm   |  | dm   |  | dm   |  | dm  |  |
| dn   |  | dn   |  | dn   |  | dn   |  | dn  |  |
| do   |  | do   |  | do   |  | do   |  | do  |  |
| dp   |  | dp   |  | dp   |  | dp   |  | dp  |  |
| dq   |  | dq   |  | dq   |  | dq   |  | dq  |  |
| dr   |  | dr   |  | dr   |  | dr   |  | dr  |  |
| ds   |  | ds   |  | ds   |  | ds   |  | ds  |  |
| dt   |  | dt   |  | dt   |  | dt   |  | dt  |  |
| du   |  | du   |  | du   |  | du   |  | du  |  |
| dv   |  | dv   |  | dv   |  | dv   |  | dv  |  |
| dw   |  | dw   |  | dw   |  | dw   |  | dw  |  |
| dx   |  | dx   |  | dx   |  | dx   |  | dx  |  |
| dy   |  | dy   |  | dy   |  | dy   |  | dy  |  |
| dz   |  | dz   |  | dz   |  | dz   |  | dz  |  |
| ea   |  | ea   |  | ea   |  | ea   |  | ea  |  |
| eb   |  | eb   |  | eb   |  | eb   |  | eb  |  |
| ec   |  | ec   |  | ec   |  | ec   |  | ec  |  |
| ed   |  | ed   |  | ed   |  | ed   |  | ed  |  |
| ee   |  | ee   |  | ee   |  | ee   |  | ee  |  |
| ef   |  | ef   |  | ef   |  | ef   |  | ef  |  |
| eg   |  | eg   |  | eg   |  | eg   |  | eg  |  |
| eh   |  | eh   |  | eh   |  | eh   |  | eh  |  |
| ei   |  | ei   |  | ei   |  | ei   |  | ei  |  |
| ej   |  | ej   |  | ej   |  | ej   |  | ej  |  |
| ek   |  | ek   |  | ek   |  | ek   |  | ek  |  |
| el   |  | el   |  | el   |  | el   |  | el  |  |
| em   |  | em   |  | em   |  | em   |  | em  |  |
| en   |  | en   |  | en   |  | en   |  | en  |  |
| eo   |  | eo   |  | eo   |  | eo   |  | eo  |  |
| ep   |  | ep   |  | ep   |  | ep   |  | ep  |  |
| eq   |  | eq   |  | eq   |  | eq   |  | eq  |  |
| er   |  | er   |  | er   |  | er   |  | er  |  |
| es   |  | es   |  | es   |  | es   |  | es  |  |
| et   |  | et   |  | et   |  | et   |  | et  |  |
| eu   |  | eu   |  | eu   |  | eu   |  | eu  |  |
| ev   |  | ev   |  | ev   |  | ev   |  | ev  |  |
| ew   |  | ew   |  | ew   |  | ew   |  | ew  |  |
| ex   |  | ex   |  | ex   |  | ex   |  | ex  |  |
| ey   |  | ey   |  | ey   |  | ey   |  | ey  |  |
| ez   |  | ez   |  | ez   |  | ez   |  | ez  |  |
| fa   |  | fa   |  | fa   |  | fa   |  | fa  |  |
| fb   |  | fb   |  | fb   |  | fb   |  | fb  |  |
| fc   |  | fc   |  | fc   |  | fc   |  | fc  |  |
| fd   |  | fd   |  | fd   |  | fd   |  | fd  |  |
| fe   |  | fe   |  | fe   |  | fe   |  | fe  |  |
| ff   |  | ff   |  | ff   |  | ff   |  | ff  |  |
| fg   |  | fg   |  | fg   |  | fg   |  | fg  |  |
| fh   |  | fh   |  | fh   |  | fh   |  | fh  |  |
| fi   |  | fi   |  | fi   |  | fi   |  | fi  |  |
| fj   |  | fj   |  | fj   |  | fj   |  | fj  |  |
| fk   |  | fk   |  | fk   |  | fk   |  | fk  |  |
| fl   |  | fl   |  | fl   |  | fl   |  | fl  |  |
| fm   |  | fm   |  | fm   |  | fm   |  | fm  |  |
| fn   |  | fn   |  | fn   |  | fn   |  | fn  |  |
| fo   |  | fo   |  | fo   |  | fo   |  | fo  |  |
| fp   |  | fp   |  | fp   |  | fp   |  | fp  |  |
| fq   |  | fq   |  | fq   |  | fq   |  | fq  |  |
| fr   |  | fr   |  | fr   |  | fr   |  | fr  |  |
| fs   |  | fs   |  | fs   |  | fs   |  | fs  |  |
| ft   |  | ft   |  | ft   |  | ft   |  | ft  |  |
| fu   |  | fu   |  | fu   |  | fu   |  | fu  |  |
| fv   |  | fv   |  | fv   |  | fv   |  | fv  |  |
| fw   |  | fw   |  | fw   |  | fw   |  | fw  |  |
| fx   |  | fx   |  | fx   |  | fx   |  | fx  |  |
| fy   |  | fy   |  | fy   |  | fy   |  | fy  |  |
| fz   |  | fz   |  | fz   |  | fz   |  | fz  |  |
| ga   |  | ga   |  | ga   |  | ga   |  | ga  |  |
| gb   |  | gb   |  | gb   |  | gb   |  | gb  |  |
| gc   |  | gc   |  | gc   |  | gc   |  | gc  |  |
| gd   |  | gd   |  | gd   |  | gd   |  | gd  |  |
| ge   |  | ge   |  | ge   |  | ge   |  | ge  |  |
| gf   |  | gf   |  | gf   |  | gf   |  | gf  |  |
| gg   |  | gg   |  | gg   |  | gg   |  | gg  |  |
| gh   |  | gh   |  | gh   |  | gh   |  | gh  |  |
| gi   |  | gi   |  | gi   |  | gi   |  | gi  |  |
| gj   |  | gj   |  | gj   |  | gj   |  | gj  |  |
| gk   |  | gk   |  | gk   |  | gk   |  | gk  |  |
| gl   |  | gl   |  | gl   |  | gl   |  |   |  |

DOH 5040 (Rev. 9/99)  
Chap. 68, Wis. Stats.

STATE OF WISCONSIN  
DEPARTMENT OF HEALTH AND FAMILY SERVICES  
ORIGINAL CERTIFICATE OF DEATH

STATE FILING DATE \_\_\_\_\_ STATE DEATH NO. \_\_\_\_\_

Type or Print  
Use  
Permanent  
Black Ink  
No Whiteout  
or Erasures  
Reserved for  
Corrections &  
Amendments

LOCAL FILE NUMBER \_\_\_\_\_

1. DECEDENT'S NAME First Middle Last 2. SEX ☐ M ☐ F 3. SOC. SEC. NUMBER OF DECEDENT \_\_\_\_\_ 4a. PRONOUNCED DEAD DATE Mo. Day Yr. 4b. HOUR \_\_\_\_\_ 5. BODY FOUND ☐ M ☐ Y ☐ N

6a. AGE (Years) (Last birthday) b. Under 1 yr. c. Under 1 day 7. DATE OF BIRTH Mo. Day Yr. 8a. COUNTY OF DEATH 8b. DEATH OCCURRED INSIDE CITY, VILL. TOWNSHIP 8c. (CHECK ONE) ☐ City ☐ Vill. ☐ Township 11a. HOSPITAL (AND CAMPUS) OR NURSING HOME (If not in Hospital or Nursing Home give street address.) 11b. NURSING HOME LICENSE NO. 12. MARITAL STATUS ☐ Married ☐ Never Married ☐ Divorced ☐ Widowed

9. DEATH AT HOSPITAL ☐ 1. Inpatient ☐ 2. Outpatient ☐ 3. DOA-From Nur. Hm. ☐ 4. ER-From Nur. Hm. ☐ 5. DOA-From Other ☐ 6. ER-From Other ☐ 10. OTHER PLACE ☐ N.H. ☐ Other ☐ Res. of deceased 13a. RESIDENCE - STATE 13b. RESIDENCE - COUNTY 13c. RESIDENCE - INSIDE CITY, VILLAGE, TOWNSHIP 13d. (CHECK ONE) ☐ City ☐ Vill. ☐ Township 14a. NUMBER OF STREET 14b. ZIP CODE

15. STATE OF BIRTH (Country if not in U.S.) 16. FATHER'S NAME First Middle Last 17. MOTHER'S NAME First Middle Birth Surname 18. RACE (e.g. White, Black, Am. Indian, etc.) 19. HISPANIC ORIGIN? Specify Cuban, Mexican, etc. 20. USUAL OCCUPATION (Doctor enter "Retired") 21. KIND OF BUSINESS/INDUSTRY

22. EDUCATION Highest grade completed ☐ No ☐ Yes ☐ Armed Forces ☐ Yes ☐ No 23. DECEDENT EVER IN U.S. ARMED FORCES ☐ Yes ☐ No 24. SURVIVOR'S SIGNATURE (If decedent's name is given birth surname, or married surname, or maiden name, last) 25. MARRIAGE ADDRESS Street City/Village State ZIP

26. METHOD OF DISPOSITION ☐ Burial ☐ Cremation ☐ Other 27. PLACE OF DISPOSITION (Name of cemetery, crematory, or other place) 28. LOCATION (City/Village/Township State) 29. DATE SIGNED BY FUNERAL SERVICE LICENSEE (Mo. Day Yr.) 30. DATE RECEIVED FROM MED. CERT. (Mo. Day Yr.)

31. FUNERAL SERVICE LICENSEE (or person acting as such) 32. WILLINGNESS ☐ Yes ☐ No 33. NAME AND MAILING ADDRESS OF FACILITY (Street and number, City, State, Zip)

34. MEDICAL CERTIFIER ☐ CERTIFYING PHYSICIAN - To the best of my knowledge and belief, the above was pronounced and occurred at the time(s) and due to the causes stated. (Check One) ☐ CORONER/ME - On basis of examination and/or investigation, in my opinion, death was pronounced and occurred at the time(s) and due to the causes as stated. 35a. MEDICAL CERTIFIER SIGNATURE & TITLE (Black Ink) 35b. MEDICAL CERTIFIER'S NAME 36. CERTIFIER'S MAILING ADDRESS (Street, & Number, City, State, ZIP)

37. DATE OF DEATH (Mo. Day Yr.) 38. MANNER OF DEATH 1. ☐ Natural 2. ☐ Accident 3. ☐ Suicide 4. ☐ Homicide 5. ☐ Under 6. ☐ Pending 39. DATE OF INJURY (Mo. Day Yr.) 40. HOUR OF INJURY \_\_\_\_\_ M 41. PLACE OF INJURY (Home, Street, Farm, etc.) Specify 42. INJURY AT WORK? ☐ YES ☐ NO 43a. LOCATION (Street or RD, City or Vill. and State in which injury occurred) 43b. COUNTY

44. REGISTRAR SIGNATURE \_\_\_\_\_ 45. DATE RECEIVED BY REGISTRAR (Mo. Day Yr.)

46. PART I. Enter the diseases, injuries or complications that caused the death. Do not enter the mode of dying such as cardiac or respiratory arrest, shock or heart failure. List only one cause of death on each line. Do not list old age or senility as sole cause. Interval between onset and death

IMMEDIATE CAUSE (Final disease or condition resulting in death.) (a) (DUE TO OR AS A CONSEQUENCE OF) (b) (DUE TO OR AS A CONSEQUENCE OF) (c) (DUE TO OR AS A CONSEQUENCE OF) (d) (DUE TO OR AS A CONSEQUENCE OF)

47. IF INJURY, DESCRIBE HOW INJURY OCCURRED

PART II. Other significant conditions contributing to death but not resulting in underlying cause given in Part I.

Type or Print  
in Permanent  
Black Ink

DOH 5042 Rev. 9-96  
Chapter 69, Wis. State

STATE OF WISCONSIN  
DEPARTMENT OF HEALTH AND FAMILY SERVICES

STATE FILING NO.

REPORT OF FETAL DEATH  
FOR STATISTICAL PURPOSES ONLY

|   |  |   |  |  |  |  |  |
|---|--|---|--|--|--|--|--|
| NAME (First, Middle, Last) (Optional - May be left blank)   |  | 1. DATE OF DELIVERY<br>(Month, Day, Year)   |  | 2. HOUR  |  | 3. SEX<br>Male <input type="checkbox"/> Female <input type="checkbox"/>  |  |
| 4a. Plurality<br>Single, Twin, Triplet, etc.<br>(Specify)   |  | 4b. IF NOT SINGLE Specify:<br>First, Second, etc.   |  | 5. HOSPITAL - NAME and CAMPUS (If not in hospital, give street and number or location) |  |  |  |
| 6. COUNTY OF DELIVERY   |  | 7. DELIVERY OCCURRED INSIDE CITY, VILLAGE, TOWNSHIP   |  |  |  | 8. (CHECK ONE)<br>City <input type="checkbox"/> Vill. <input type="checkbox"/> Townshp <input type="checkbox"/>  |  |
| 9. ATTENDANT NAME   |  | 10. WISCONSIN LICENSE NUMBER  |  | 11. TITLE<br>1. M.D. 2. D.O. 3. CHM 4. MOWF 5. Other                                   |  |  |  |
| 12a. FILING PARTY [s. 89.18(1)(a)] NAME AND TITLE   |  |   |  | 12b. DATE REPORT COMPLETED<br>(Month, Day, Year)                                       |  |  |  |
| 13. MAILING ADDRESS OF FILING PARTY (Street & Number - City, State, ZIP)  |  |   |  |  |  |  |  |
| 14. NAME AND COMPLETE ADDRESS OF FACILITY DISPOSING OF REMAINS  |  |   |  |  |  |  |  |
| 15. MOTHER'S CURRENT NAME (First, Middle, Last)   |  |   |  | 16. MOTHER'S BIRTH SURNAME   |  |  |  |
| 17. RESIDENCE - STATE   |  | 18. RESIDENCE - COUNTY  |  | 19. RESIDENCE INSIDE CITY, VILLAGE, TOWNSHIP   |  | 20. (CHECK ONE)<br>City <input type="checkbox"/> Vill. <input type="checkbox"/> Townshp <input type="checkbox"/> |  |
| <b>CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY</b>   |  |   |  |  |  |  |  |
| 21. IS MOTHER MARRIED?<br>(at any time between conception and delivery)   |  | 22a. MOTHER'S DATE OF BIRTH (Month, Day, Year)  |  | 22b. FATHER'S DATE OF BIRTH (Month, Day, Year)   |  |  |  |
| 23. RACE<br>White, Black, Amer. Ind., etc.  |  | 24. HISPANIC ORIGIN<br>Specify Cuban, Mexican, Puerto Rican, etc.   |  | 25. EMPLOYMENT ONE YEAR AGO<br>Occupation Kind of Business or Industry                 |  | 27. PREVIOUS DELIVERIES<br>(Exclude this Delivery.)  |  |
| 26. MONTH OF PREGNANCY<br>PRENATAL CARE BEGAN<br>(Month 1-9; Not prenatal)  |  | 29. TOTAL NUMBER OF<br>PRENATAL VISITS  |  | 30. DATE LAST NORMAL<br>MENSTRUATION BEGAN<br>(Month, Day, Year)                       |  | 31. CLINICAL ESTIMATE OF<br>GESTATION (Weeks)  |  |
| 32. CIGARETTE USE DURING PREGNANCY<br>YES <input type="checkbox"/> NO <input type="checkbox"/> If yes, avg. number cigarettes per day |  | 33. ALCOHOL USE DURING PREGNANCY?<br>YES <input type="checkbox"/> NO <input type="checkbox"/> If yes, avg. number drinks per week |  | 34. WEIGHT GAIN/LOSS DURING PREGNANCY.<br>Net pounds gained OR Net pounds lost         |  |  |  |
| 35. PART I FETAL DEATH WAS CAUSED BY: <input type="checkbox"/> Pending. Complete when assessment results are known                    |  |   |  |  |  |  |  |
| Fetal or maternal condition directly causing fetal death  |  |   |  |  |  |  |  |
| 36. Fetal and/or maternal conditions, if any, giving rise to the immediate cause (A) stating the underlying cause last                |  |   |  |  |  |  |  |
| 37. BIRTHWEIGHT OF FETUS (Original unconverted lbs. or grams)   |  |   |  |  |  |  |  |
| 38. CROWN - HEEL LENGTH (Original unconverted inches or centimeters)  |  |   |  |  |  |  |  |
| 39. MEDICAL HISTORY FOR THIS PREGNANCY  |  |   |  |  |  |  |  |
| 40. OBSTETRIC PROCEDURES  |  |   |  |  |  |  |  |
| 41. EVENTS OF LABOR AND/OR DELIVERY   |  |   |  |  |  |  |  |
| 42. METHOD OF DELIVERY  |  |   |  |  |  |  |  |
| 43. ASSESSMENT (Check Each One)   |  |   |  |  |  |  |  |
| 44. CONGENITAL ANOMALIES OF FETUS   |  |   |  |  |  |  |  |

NOTE: THIS FORM IS REQUIRED FOR ANY DELIVERY OF 20 WEEKS OR MORE GESTATION OR IF FETUS WEIGHS 350 GRAMS OR MORE WHEN DEATH IS INDICATED BY THE FACT THAT THE FETUS SHOWS NO EVIDENCE OF LIFE. THIS FORM IS NOT TO BE USED FOR INDUCED ABORTIONS.

## Sources, Definitions and Explanations of Terms

**National Data.** Unless otherwise noted, national data used in this report were cited from Martin JA, Park MM, Sutton PD. Births: Preliminary data for 2001. *National Vital Statistics Reports*, Vol. 50, No. 10, National Center for Health Statistics, 2002. National infant mortality data are drawn from Mathews TJ, Menacker F, MacDorman MF. Infant mortality statistics from the 2000 period linked birth/infant death data set. *National Vital Statistics Reports*, Vol. 50, No. 12. National Center for Health Statistics, 2002.

**Race/Ethnicity Classifications.** All live births, fetal deaths and infant deaths were classified by race or Hispanic origin of mother into one of six categories : non-Hispanic white, non-Hispanic black/African American, non-Hispanic American Indian, Hispanic/Latino, non-Hispanic Laotian/Hmong, and non-Hispanic other (which are almost entirely Asian). The Laotian/Hmong category consists of mothers whose race was indicated as “Laotian” or “Hmong” and mothers born in Laos. Hispanics/Latinos may be of any race.

Prior to 1994, Wisconsin birth reports included a race/ethnicity category labeled “Indochinese.” Beginning in 1994, this category was redefined as “Laotian/Hmong” ( constituting approximately 95 percent of the Indochinese category). The remaining 5 percent of births in the Indochinese category were reallocated to the “Other” grouping; this includes Vietnamese, Cambodian, Thai, Chinese, Japanese, and East Indian.

**Birth Certificate Checklists.** Beginning in 1989, data on maternal health, pregnancy, delivery, and some dimensions of birth outcomes were collected in the following birth certificate checklists: “Medical history for this pregnancy,” “Obstetric procedures,” “Events of labor and/or delivery,” “Method of delivery,” “Abnormal conditions of the newborn,” and “Congenital anomalies of child” (see sample birth certificate, pages 100 and 101). These data were previously collected in a fill-in-the-blank format. Thus, data presented in annual reports for 1982-1988 on risk and treatment (“Type of delivery,” “Concurrent conditions of pregnancy,” “Complications of pregnancy,” “Complications of delivery,” and “Congenital anomalies”) are not comparable to the data presented in annual reports since 1989 (*Maternal and Child Health Statistics* and *Wisconsin Births and Infant Deaths*).

Also to be noted are the limitations on comparability that relate to changes in the editing of the medical checklist items since 1989. Each checklist (with the exception of “Method of delivery”) has an “other-specify” checkbox. Conditions reported in the “other-specify” category have been edited to exclude invalid reports from the database, and to ensure that those conditions that belong elsewhere in a checklist are properly reported. The editing process has varied each year, which affects comparability. This most affects data on “Medical history for this pregnancy” and “Congenital anomalies of child;” it also affects comparability of “Events of labor and/or delivery” and “Abnormal conditions of the newborn.” In 1990, this editing was done only for the “Congenital anomalies” and “Abnormal conditions” checklists.

Definitions of “Medical Risk Factors for this Pregnancy,” “Obstetric Procedures,” “Complications of Labor and/or Delivery,” “Abnormal Conditions of the Newborn” and “Congenital Anomalies of Child” were adapted from:

National Center for Health Statistics. Advance report of new data from the 1989 birth certificate. *Monthly Vital Statistics Report*; Vol. 40, No. 12, Supplement. Hyattsville, Maryland: Public Health Service, 1997.

**Prematurity.** Births were classified as premature (less than full term) if the gestational age was less than 37 weeks. To determine gestational age, a prematurity index is used; this is usually based on the computed estimate of gestational age, which is the difference between the date of last normal menses and the date of the infant's birth. The clinical estimate of gestational age (reported by the physician directly on the birth certificate) is substituted when the date of last normal menses is unknown. The use of this index decreases the number of unknown records on gestational age.

## **Mortality.**

**Infant Death.** The birth-death cohort is not completed until one full year after the end of the birth cohort calendar year. This publication reports mortality data on infants who died during 2001, rather than the mortality experience of the 2001 birth cohort, to allow more timely reporting on infant mortality.

**Causes of Death.** Causes of death in this report have been coded according to the International Classification of Diseases (ICD), Tenth Edition. Before the 1999 data year, causes of death were coded according to the ICD, Ninth Edition. This change does not affect comparability between years for four of the five leading causes of infant death shown in this report (Conditions Originating in the Perinatal Period; Congenital Malformations, Deformations and Chromosomal Anomalies; Sudden Infant Death Syndrome or SIDS; and Accidents – see Page 31). The fifth leading cause of infant death in 2001 (Diseases of the Circulatory System) was affected by coding changes so is not readily comparable with data for the years before 1999.

**Fetal Death.** A fetal death or stillbirth is “a fetus which, after complete expulsion or extraction from the woman, does not breathe or show other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of the voluntary muscles.” By Wisconsin statute, a stillbirth of at least 20 weeks' gestation or 350 grams must be reported. (Note: A fetal death report is not used for induced abortions.) Some stillbirths (fetal deaths) to Wisconsin residents are not included in this publication because some were less than 20 weeks' gestation, some occurred outside Wisconsin, and an unknown number that occurred within the state were not reported.

**Perinatal Death.** Includes all reported fetal deaths of 20 or more weeks of gestation and all neonatal deaths (deaths of liveborn infants occurring before 28 days of age).

**Maternal Deaths.** There were four deaths in 2001 for which a maternal cause of death was reported on the death certificate. Before 1989, and beginning again in 1994, the Center for Health Statistics (now the Bureau of Health Information) followed up deaths of women of childbearing age with inquiries about pregnancy-related causes of death. Maternal deaths from 1989-1993 may be underreported because this special study was not conducted.

**Perinatal Regions.** These tables present birth information for each of the seven Perinatal Regions in Wisconsin (see Map 2, page 99). These regions were informally designated in the early 1970s by the Wisconsin Association for Perinatal Care, in cooperation with organizations representing public and private providers of perinatal services. Perinatal regions represent geographical boundaries within which arrangements exist among providers of perinatal services to facilitate optimal treatment for pregnant women and newborns. Within each region, selected hospitals with the capability to provide neonatal and maternal intensive care have been self-designated as perinatal centers. High-risk pregnancies and deliveries are often referred to or transported to these perinatal centers, as are high-risk babies born outside perinatal centers. Health care providers within the regions also collaborate in other ways to address perinatal health care issues as they arise.

**Limitations of the Data.** Vital records information has some limitations related to completeness, accuracy, and timeliness of registration, quality control procedures and classification problems. The reporting of live births and infant deaths is considered to be essentially complete for births occurring in Wisconsin. A cooperative exchange program between all states has been in operation for several decades to allocate birth and death certificates to the state of residence. Although this exchange program is not totally complete, the incompleteness is not of sufficient magnitude to seriously affect natality and infant mortality results.

Edit checks are incorporated in the software used for electronic transmission of birth certificate data, and the Vital Records Registration and Statistics Unit in the Bureau of Health Information reviews birth certificates and death certificates for logical inconsistencies. Some errors remain after this review, but they are thought to have little, if any, effect on statistical results.

There may be some underreporting of medical risk factors and types of obstetrical procedures performed. There may also be underreporting of congenital anomalies which are identifiable at birth; in addition, some congenital anomalies cannot be detected at the time the birth certificate is filed.

### Medical Risk Factors for This Pregnancy: Definitions

|  |  |
|--|--|
| <i>Anemia</i>                          | Maternal hemoglobin level of less than 10.0 g/dL during pregnancy, or a hematocrit of less than 30 percent during pregnancy.   |
| <i>Cardiac Disease</i>                 | Disease of the heart.  |
| <i>Acute or Chronic Lung Disease</i>   | Disease of the lungs during pregnancy.   |
| <i>Diabetes</i>                        | Metabolic disorder characterized by excessive discharge of urine and persistent thirst; includes juvenile onset, adult onset, and gestational diabetes during pregnancy. |
| <i>Genital Herpes</i>                  | Infection of the skin of the genital area by herpes simplex virus.   |
| <i>Hydramnios/<br/>Oligohydramnios</i> | Any noticeable excess (hydramnios) or lack (oligohydramnios) of amniotic fluid.  |
| <i>Hypertension,<br/>Chronic</i>       | Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20 <sup>th</sup> week of gestation.                                 |

|  |  |
|--|--|
| <b><i>Hypertension, Pregnancy-Associated</i></b> | An increase in blood pressure of at least 30 mm Hg systolic or 15 mm Hg diastolic on two measurements taken six hours apart after the 20th week of gestation.  |
| <b><i>Eclampsia</i></b>                          | The occurrence of convulsions and/or coma unrelated to other cerebral conditions in women with signs and symptoms of preeclampsia.   |
| <b><i>Incompetent Cervix</i></b>                 | A condition characterized by painless dilation of the cervix in the second trimester or early in the third trimester of pregnancy, with premature expulsion of membranes through the cervix and ballooning of the membranes into the vagina, followed by rupture of the membranes and subsequent expulsion of the fetus. |
| <b><i>Previous Infant 4,000+ Grams</i></b>       | Previous birth of a live-born child with a birthweight of over 4,000 grams (8 lbs., 14 oz.).   |
| <b><i>Previous Preterm or SGA Infant</i></b>     | Previous birth of an infant prior to term (before 37 completed weeks of gestation), or of an infant weighing less than the 10th percentile for gestational age, using a standard weight-for-age chart. (SGA means “small for gestational age”).  |
| <b><i>Renal Disease</i></b>                      | Kidney disease.  |
| <b><i>Rh Sensitization</i></b>                   | The process or state of becoming sensitized to the Rh blood factor, as when an Rh-negative woman is pregnant with an Rh-positive fetus.  |
| <b><i>Uterine Bleeding</i></b>                   | Any clinically significant bleeding during the pregnancy, taking into consideration the stage of pregnancy; any second- or third-trimester bleeding of the uterus prior to the onset of labor.   |

#### **Obstetric Procedures: Definitions**

|   |   |
|---|---|
| <b><i>Amniocentesis</i></b>               | Surgical transabdominal perforation of the uterus to obtain amniotic fluid to be used in the detection of genetic disorders, fetal abnormalities, and fetal lung maturity.  |
| <b><i>Electronic Fetal Monitoring</i></b> | Monitoring with external devices applied to the maternal abdomen or with internal devices with an electrode attached to the fetal scalp and a catheter through the cervix into the uterus, to detect and record fetal heart tones and uterine contractions. |
| <b><i>Stimulation of Labor</i></b>        | Augmentation of previously established labor by use of oxytocin.  |
| <b><i>Tocolysis</i></b>                   | Use of medications to inhibit preterm uterine contractions to extend the length of pregnancy and, therefore, avoid a preterm birth.   |
| <b><i>Ultrasound</i></b>                  | Visualization of the fetus and the placenta by means of sound waves.  |

## Congenital Anomalies: Definitions

|  |   |
|--|---|
| <i>Anencephalus</i>  | Absence of the cerebral hemispheres.  |
| <i>Spina Bifida/<br/>Meningocele</i>                         | Developmental anomaly characterized by defective closure of the bony encasement of the spinal cord, through which the cord and meninges may or may not protrude.  |
| <i>Hydrocephalus</i>   | Excessive accumulation of cerebrospinal fluid within the ventricles of the brain with consequent enlargement of the cranium.  |
| <i>Microcephalus</i>   | A significantly small head.   |
| <i>Other Central Nervous System</i>                          | Other specified anomalies of the brain, spinal cord, and nervous system.  |
| <i>Heart Malformations</i>                                   | Congenital anomalies of the heart.  |
| <i>Other Circulatory/<br/>Respiratory</i>                    | Other specified anomalies of the circulatory and respiratory systems.   |
| <i>Rectal Atresia/<br/>Stenosis</i>                          | Congenital absence, closure, or narrowing of the rectum.  |
| <i>Tracheo-Esophageal<br/>Fistula/Esophageal<br/>Atresia</i> | An abnormal passage between the trachea and the esophagus; esophageal atresia is the congenital absence or closure of the esophagus.  |
| <i>Omphalocele/<br/>Gastroschisis</i>                        | An omphalocele is a protrusion of variable amounts of abdominal viscera from a midline defect at the base of the umbilicus. In gastroschisis, the abdominal viscera protrude through an abdominal wall defect, usually on the right side of the umbilical cord insertion. |
| <i>Other Gastro-Intestinal</i>                               | Other specified congenital anomalies of the gastrointestinal system.  |
| <i>Malformed Genitalia</i>                                   | Congenital anomalies of the reproductive organs.  |
| <i>Renal Agenesis</i>  | One or both kidneys are completely absent.  |
| <i>Other Urogenital</i>                                      | Other specified congenital anomalies of the organs concerned in the production and excretion of urine, together with organs of reproduction.  |
| <i>Cleft Lip/Palate</i>                                      | Cleft lip is a fissure or elongated opening of the lip; cleft palate is a fissure in the roof of the mouth. These are failures of embryonic development.  |
| <i>Polydactyly/Syndactyly,<br/>Adactyly</i>                  | Polydactyly is the presence of more than five digits on either hands and/or feet; syndactyly is having fused or webbed fingers and/or toes; adactyly is the absence of fingers and/or toes.   |

|  |   |
|--|---|
| <b><i>Clubfoot</i></b>                                 | Deformity of the foot, which is twisted out of shape or position.   |
| <b><i>Diaphragmatic Hernia</i></b>                     | Herniation of the abdominal contents through the diaphragm into the thoracic cavity, usually resulting in respiratory distress. |
| <b><i>Other Musculo-Skeletal/<br/>Integumental</i></b> | Other specified congenital anomalies of the muscles, skeleton, or skin.   |
| <b><i>Down Syndrome</i></b>                            | The most common chromosomal defect, with most cases resulting from an extra chromosome (trisomy 21).                            |
| <b><i>Other Chromosomal</i></b>                        | All other chromosomal aberrations.  |